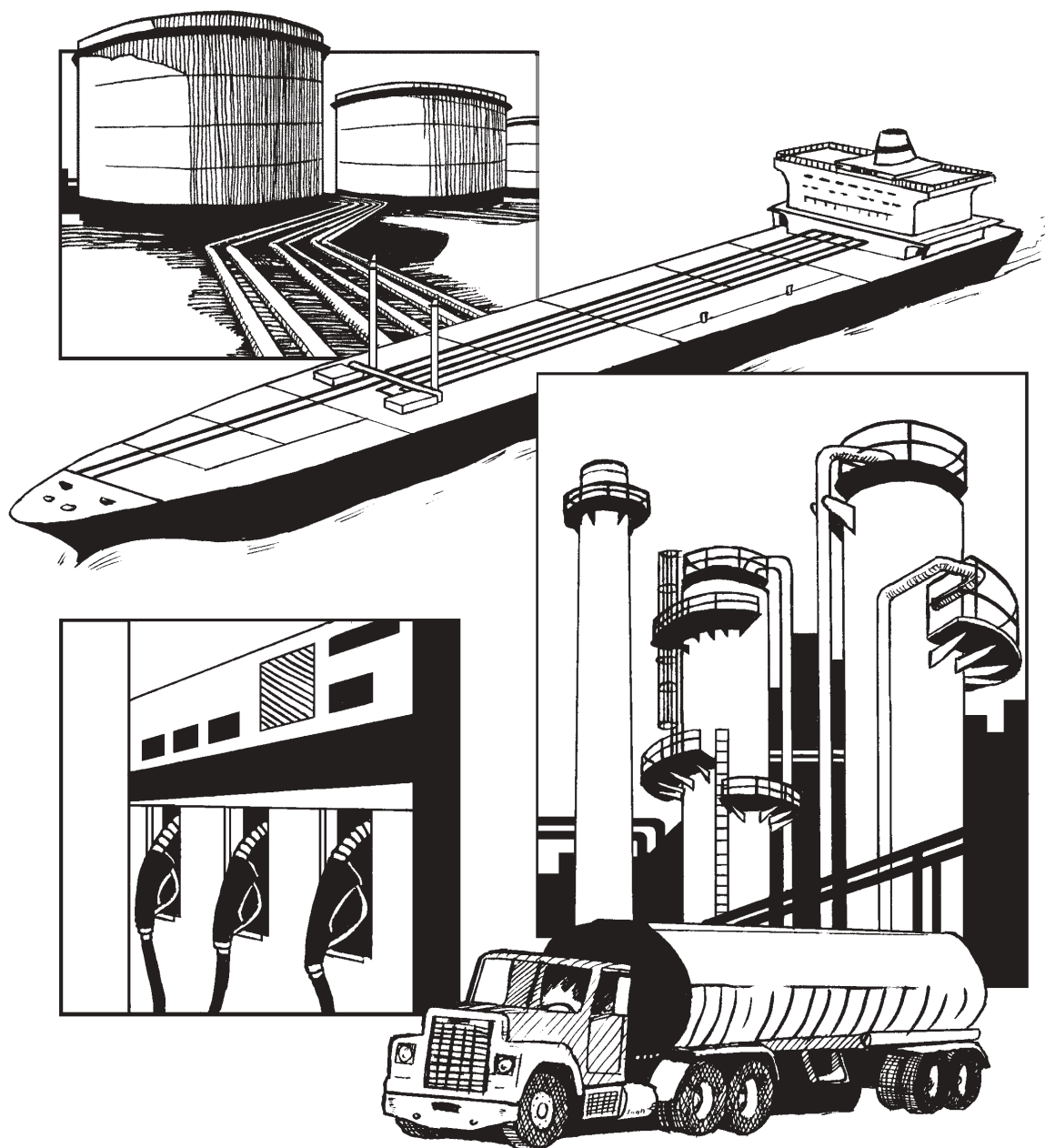


Weekly Petroleum Status Report



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Preface

The *Weekly Petroleum Status Report* (WPSR) provides timely information on supply and selected prices of crude oil and principal petroleum products in the context of historical data and forecasts. It serves the industry, the press, planners, policymakers, consumers, analysts, and State and local governments with a ready, reliable source of current information. The supply data contained in this report are based primarily on company submissions for the week ending 7:00 a.m. the preceding Friday. Weekly price data are collected as of 8:00 a.m. every Monday. The daily spot and futures prices are provided by Reuters, Inc. Data are released electronically after 10:30 a.m. each Wednesday, and hard copies of the publication are available for distribution on Thursday. For some weeks which include holidays, publication of the *WPSR* is delayed by one day.

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Table of Contents

Petroleum Supply Summary Table	v
Highlights	vi
Sources	30
Appendix A:	
Explanatory Notes	31
Appendix B:	
Northeast Heating Oil Reserve	38
Glossary	39
 Tables	
1. U.S. Petroleum Balance Sheet, 4 Weeks Ending 09/12/03	1
2. U.S. Petroleum Activity, January 2002 to Present	2
3. Stocks of Crude Oil and Petroleum Products, U.S. Totals, January 2002 to Present	4
4. Stocks of Motor Gasoline by PAD District, January 2002 to Present	6
5. Stocks of Distillate Fuel Oil by PAD District, January 2002 to Present	8
6. Stocks of Residual Fuel Oil by PAD District, January 2002 to Present	10
7. Net Production, Imports, and Stocks of Propane/Propylene by PAD District, January 2002 to Present	12
8. U.S. Imports of Crude Oil and Petroleum Products, January 2002 to Present	14
9. U.S. Imports of Petroleum Products by Product, January 2002 to Present	15
10. U.S. Petroleum Products Supplied, January 2002 to Present	16
11. U.S. and PAD District Weekly Estimates, Most Recent 4 Weeks	17
12. U.S. Petroleum Balance Sheet, Week Ending 09/12/03	22
13. World Crude Oil Prices	23
14. Spot Prices of Crude Oil, Motor Gasoline, and Heating Oils, January 2002 to Present	24
15. Spot Prices of Low-Sulfur Diesel, Kerosene-Type Jet, Residual Fuels, and Propane, January 2002 to Present	26
16. NYMEX Futures Prices of Crude Oil, Motor Gasoline, No. 2 Heating Oil, and Propane	27
17. U.S. Retail Motor Gasoline and On-Highway Diesel Fuel Prices, January 2002 to Present	28
 Figures	
1. U.S. Refinery Capacity, Inputs, and Production, January 2002 to Present	3
2. U.S. Stocks of Crude Oil and Petroleum Products, December 2001 to Present	3
3. Stocks of Crude Oil by PAD District, December 2001 to Present	5
4. Stocks of Gasoline by PAD District, December 2001 to Present	7
5. Stocks of Distillate Fuel Oil by PAD District, December 2001 to Present	9
6. Stocks of Residual Fuel Oil by PAD District, December 2001 to Present	11
7. Stocks of Propane by PAD District, December 2001 to Present	13
8. U.S. Imports of Crude Oil and Petroleum Products, January 2002 to Present	14
9. U.S. Imports of Petroleum Products, January 2002 to Present	15
10. U.S. Petroleum Products Supplied, January 2002 to Present	16
11. Daily Crude Oil and Petroleum Product Spot Prices	25
12. Daily Trans-Atlantic Spot Product Price Differentials: New York Harbor less Rotterdam (ARA)	25
13. Daily Futures Price Differentials: First Delivery Month Less Second Delivery Month	27
14. U.S. Average Retail Regular Motor Gasoline and On-Highway Diesel Fuel Prices	29

Table H1. Petroleum Supply Summary, August 2003
(Thousand Barrels per Day, Except Where Noted)

Category	2003			2002	January-August	
	Estimated August	Estimated July	Difference ¹	August	2003	2002
Products Supplied	20,388	19,913	475	20,221	19,899	19,757
Finished Motor Gasoline	9,375	9,187	189	9,313	8,909	8,869
Distillate Fuel Oil	3,618	3,536	82	3,728	3,904	3,738
Residual Fuel Oil	876	757	119	612	790	688
Jet Fuel	1,632	1,648	-16	1,610	1,558	1,603
Other Petroleum Products ²	4,886	4,784	102	4,959	4,738	4,859
Crude Oil Inputs	15,604	15,505	99	15,338	15,241	15,020
Operable Utilization Rate (%)	93.8	93.3	0.4	92.9	92.1	90.8
Imports	12,662	12,552	109	11,890	12,143	11,504
Crude Oil	10,013	9,860	154	9,544	9,462	9,120
Strategic Petroleum Reserve	0	0	0	0	0	15
Other	10,013	9,860	154	9,544	9,462	9,105
Products	2,648	2,693	-44	2,346	2,680	2,384
Finished Motor Gasoline	551	530	21	538	533	502
Distillate Fuel Oil	311	293	18	205	343	223
Residual Fuel Oil	332	287	44	249	338	235
Jet Fuel	137	172	-35	112	121	102
Other Petroleum Products ³	1,318	1,410	-93	1,242	1,346	1,321
Exports	977	966	11	1,138	1,061	941
Crude Oil	14	10	4	9	15	11
Products	963	956	7	1,129	1,046	930
Total Net Imports	11,685	11,586	99	10,752	11,082	10,564
Stock Change⁴	176	511	-335	-467	120	41
Crude Oil	115	76	39	-139	86	67
Products	61	435	-374	-328	37	-26
Total Stocks⁶ (million barrels)	1,554.5	1,549.1	5.4	1,596.3	-	-
Crude Oil	896.2	892.6	3.6	878.5	-	-
Strategic Petroleum Reserve ⁵	617.6	612.4	5.2	582.3	-	-
Other	278.6	280.2	-1.6	296.2	-	-
Products	658.3	656.5	1.9	717.9	-	-
Finished Motor Gasoline	143.5	149.4	-5.9	157.3	-	-
Distillate Fuel Oil ⁶	126.3	119.1	7.2	130.6	-	-
Residual Fuel Oil	31.6	33.7	-2.0	31.9	-	-
Jet Fuel	39.0	38.3	0.7	39.4	-	-
Other Petroleum Products ³	317.9	316.0	1.9	358.6	-	-

¹ Difference is equal to volume for current month minus volume for previous month.

² Includes crude oil product supplied, natural gas liquids, liquefied refinery gases (LRG's), other liquids, and all finished petroleum products except finished motor gasoline, distillate fuel oil, residual fuel oil, and jet fuel.

³ Includes natural gas liquids, liquefied refinery gases (LRG's), other liquids, and all finished petroleum products except motor gasoline, jet fuel, distillate fuel oil, and residual fuel oil.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase.

⁵ Crude oil stocks in the SPR include non-U.S. stocks held under foreign or commercial storage agreements.

⁶ Distillate fuel oil stocks located in the "Northeast Heating Oil Reserve" are not included.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration, appropriate issues of the Petroleum Supply Monthly and the Weekly Petroleum Status Report.

Highlights

U.S. crude oil refinery inputs averaged nearly 15.8 million barrels per day during the week ending September 12, up 20,000 barrels per day from the previous week. Increases in crude oil refinery inputs on the East Coast (PADD I) and on the West Coast (PADD V) were nearly offset by a decline in the Midwest (PADD II).

U.S. crude oil imports averaged nearly 10.8 million barrels per day last week, the highest weekly average ever, and up by over 1.1 million barrels per day from the previous week. Crude oil imports have averaged 10.2 million barrels per day over the last four weeks, 944,000 barrels per day more than averaged over the same period last year. Although the origins of weekly crude oil imports are preliminary and thus not published, it appears that the United States did, once again, import crude oil from Iraq last week. In addition, crude oil imports from Saudi Arabia and Venezuela increased significantly last week. Total motor gasoline imports (including both finished gasoline and gasoline blending components) averaged 830,000 barrels per day last week, down from the level imported in the previous week. Distillate fuel imports averaged 352,000 barrels per day last week.

With imports reaching record levels last week, U.S. commercial crude oil inventories (excluding those in the Strategic Petroleum Reserve) rose by 3.1 million barrels. At 279.3 million barrels, they are 23.0 million barrels less than the 5-year average for this time of year. Distillate fuel inventories rose by 2.9 million barrels, with high-sulfur distillate fuel (heating oil) increasing by 2.2 million barrels, with the rest of the increase in low-sulfur distillate fuel (diesel fuel). Motor gasoline inventories rose by 2.7 million barrels,

and as of September 12 are at 195.3 million barrels. Total commercial inventories are 73.9 million barrels less than the 5-year average for this time of year.

Total product supplied over the last four-week period has averaged nearly 19.8 million barrels per day, or 0.8 percent less than the same period last year. Motor gasoline demand over the last four weeks has averaged 9.2 million barrels per day, or 1.6 percent above the same period last year. Distillate fuel demand is down 4.5 percent and kerosene-type jet fuel demand is down 2.2 percent over the last four weeks compared to the same four-week period last year.

The average world crude oil price on September 12, 2003 was \$25.60, \$1.45 under last week and \$1.19 below a year ago. WTI was \$28.26 per barrel on September 12, 2003, \$0.67 less than last week and \$1.57 lower than last year. The spot price for conventional gasoline in the New York Harbor was 90.25 cents per gallon, 2.15 cents less than last week but 12.50 cents over a year ago. The spot price for No. 2 low-sulfur diesel fuel in the New York Harbor was 75.15 cents per gallon, down 1.10 cents from last week and 4.50 cents below last year.

The national average retail regular gasoline price decreased to 169.7 cents per gallon on September 15, 2003, 2.0 cents per gallon lower than last week but 29.6 cents per gallon above a year ago. The national average retail diesel fuel price fell to 147.1 cents per gallon, 1.7 cents per gallon below last week but 5.7 cents per gallon more than a year ago.

Refinery Activity (Thousand Barrels per Day)

	Four Weeks Ending		
	09/12/03	09/05/03	09/12/02
Crude Oil Input to Refineries	15,674	15,654	15,151
Refinery Capacity Utilization (Percent)	94.3	94.1	91.9
Motor Gasoline Production	8,698	8,756	8,531
Distillate Fuel Oil Production	3,741	3,699	3,537

See Table 2.

Stocks (Million Barrels)

	Four Weeks Ending		
	09/12/03	09/05/03	09/12/02
Crude Oil (Excluding SPR)	279.3	276.2	286.8
Motor Gasoline	195.3	192.6	204.9
Distillate Fuel Oil ¹	131.3	128.4	129.2
All Other Oils	344.4	342.4	383.2
Crude Oil in SPR ²	620.2	618.5	584.1
Total	1570.6	1558.0	1588.2

See Table 3.

Net Imports (Thousand Barrels per Day)

	Four Weeks Ending		
	09/12/03	09/05/03	09/12/02
Crude Oil	10,179	9,956	9,242
Petroleum Products	1,661	1,743	1,238
Total	11,840	11,699	10,480

See Table 1.

¹ Distillate fuel oil stocks located in the "Northeast Heating Oil Reserve" are not included.

² Crude oil stocks in the SPR include non-U.S. stocks held under foreign or commercial storage agreements.

Notes: • NA=Not Available. • Data may not add to total due to independent rounding.

Products Supplied (Thousand Barrels per Day)

	Four Weeks Ending		
	09/12/03	09/05/03	09/12/02
Motor Gasoline	9,216	9,304	9,067
Distillate Fuel Oil	3,561	3,579	3,729
All Other Products	6,982	7,204	7,127
Total	19,760	20,087	19,923

See Table 10.

Prices (Cents per Gallon except as noted)

	Week Ending		
	09/12/03	09/05/03	09/13/02
World Crude Oil (Dollars per Barrel)	25.60	27.05	26.79
Spot Prices			
WTI Crude Oil - Cushing (Dollars per Barrel)	28.26	28.93	29.83
Conv. Regular Gasoline - NYH	90.25	92.40	77.75
RFG Regular - NYH	91.50	96.40	78.35
No. 2 Heating Oil - NYH	73.45	74.70	77.75
No. 2 Low-sulfur Diesel Fuel - NYH	75.15	76.25	79.65
Kerosene-Type Jet - NYH	75.68	77.38	82.10
Residual Fuel - NYH	59.64	62.50	62.81
Propane - Mont Belvieu	52.82	53.25	47.38

	Week Ending		
	09/15/03	09/08/03	09/16/02
Retail Prices			
Motor Gasoline - Regular	169.7	171.7	140.1
Motor Gasoline - Midgrade	179.5	181.4	149.6
Motor Gasoline - Premium	188.0	189.9	158.7
On-Highway Diesel Fuel	147.1	148.8	141.4

See Tables 13, 14, 15 and 17.

Table 1. U.S. Petroleum Balance Sheet, 4 Weeks Ending 09/12/2003

Four-Week Averages				Cumulative Daily Averages 254 Days		Percent Change	
Ending		Percent Change	2003	2002			
09/12/03					09/12/02		
Petroleum Supply (Thousand Barrels per Day)							
Crude Oil Supply							
(1)	Domestic Production ¹	5,722	5,654	1.2	5,805	5,840	-0.6
(2)	Net Imports (Including SPR) ²	10,179	9,242	10.1	9,486	9,095	4.3
(3)	Gross Imports (Excluding SPR)	10,195	9,251	10.2	9,501	9,091	4.5
(4)	SPR Imports	0	0	--	0	14	--
(5)	Exports	16	8	100.0	15	11	36.4
(6)	SPR Stocks Withdrawn (+) or Added (-)	-269	-139	--	-85	-133	--
(7)	Other Stocks Withdrawn (+) or Added (-)	-18	493	--	-11	99	--
(8)	Product Supplied and Losses	0	0	--	0	0	--
(9)	Unaccounted-for Crude Oil ³	59	-100	--	69	111	--
(10)	Crude Oil Input to Refineries	15,674	15,151	3.5	15,264	15,013	1.7
Other Supply							
(11)	Natural Gas Liquids Production ⁴	2,053	2,195	-6.5	2,032	2,197	-7.5
(12)	Other Liquids New Supply	2	176	-98.9	114	107	6.5
(13)	Crude Oil Product Supplied	0	0	0.0	0	0	0.0
(14)	Processing Gain	980	943	3.9	942	955	-1.4
(15)	Net Product Imports ⁵	1,661	1,238	34.2	1,631	1,446	12.8
(16)	Gross Product Imports ⁵	2,621	2,319	13.0	2,673	2,380	12.3
(17)	Product Exports ⁵	960	1,082	-11.3	1,042	933	11.7
(18)	Product Stocks Withdrawn (+) or Added (-) ^{6,7}	-609	220	--	-93	27	--
(19)	Total Product Supplied for Domestic Use	19,760	19,923	-0.8	19,889	19,745	0.7
Products Supplied							
(20)	Finished Motor Gasoline ⁴	9,216	9,067	1.6	8,910	8,861	0.6
(21)	Naphtha-Type Jet Fuel	0	-8	-100.0	-4	-5	-20.0
(22)	Kerosene-Type Jet Fuel	1,577	1,613	-2.2	1,561	1,608	-2.9
(23)	Distillate Fuel Oil	3,561	3,729	-4.5	3,888	3,738	4.0
(24)	Residual Fuel Oil	849	617	37.6	785	685	14.6
(25)	Other Oils ⁸	4,556	4,904	-7.1	4,749	4,858	-2.2
(26)	Total Products Supplied	19,760	19,923	-0.8	19,889	19,745	0.7
Total Net Imports		11,840	10,480	13.0	11,117	10,541	5.5
Petroleum Stocks (Million Barrels)							
				Percent Change from			
				Previous Week	Year Ago		
Crude Oil (Excluding SPR) ⁹		279.3	276.2	286.8	1.1	-2.6	
Total Motor Gasoline		195.3	192.6	204.9	1.4	-4.7	
Reformulated		32.5	31.9	40.3	1.9	-19.4	
Oxygenated		0.4	0.4	0.4	0.0	0.0	
Conventional		111.9	112.0	116.6	-0.1	-4.0	
Blending Components		50.6	48.3	47.5	4.8	6.5	
Naphtha-Type Jet Fuel		0.0	0.0	0.0	0.0	0.0	
Kerosene-Type Jet Fuel		40.3	40.1	39.8	0.5	1.3	
Distillate Fuel Oil ⁷		131.3	128.4	129.2	2.3	1.6	
0.05% Sulfur and under		79.3	78.6	70.0	0.9	13.3	
Greater than 0.05% Sulfur		52.0	49.8	59.2	4.4	-12.2	
Residual Fuel Oil		32.2	32.9	32.3	-2.1	-0.3	
Unfinished Oils		83.5	83.5	85.2	0.0	-2.0	
Other Oils ¹⁰		188.4	185.9	225.8	1.3	-16.6	
Total Stocks (Excluding SPR) ⁷		950.4	939.6	1,004.1	1.1	-5.3	
Crude Oil in SPR ¹¹		620.2	618.5	584.1	0.3	6.2	
Total Stocks (Including SPR) ⁷		1,570.6	1,558.0	1,588.2	0.8	-1.1	

¹ Includes lease condensate.² Net Imports = Gross Imports (line 3) + Strategic Petroleum Reserve (SPR) Imports (line 4) - Exports (line 5).³ Unaccounted-for Crude Oil is a balancing item. See Glossary for further explanation.⁴ Includes field production of fuel ethanol and an adjustment for motor gasoline blending components.⁵ Includes finished petroleum products, unfinished oils, gasoline blending components, and natural gas plant liquids.⁶ Includes an estimate of minor product stock change based on monthly data.⁷ Distillate fuel oil stocks located in the "Northeast Heating Oil Reserve" are not included. For details see Appendix B.⁸ Includes crude oil product supplied, natural gas liquids, liquefied refinery gases (LRGs), other liquids, and all finished petroleum products except motor gasoline, jet fuels, distillate, and residual fuel oils.⁹ Includes domestic and Customs-cleared foreign crude oil in transit to refineries.¹⁰ Included are stocks of all other oils such as aviation gasoline, kerosene, natural gas liquids and LRGs, other hydrocarbons and oxygenates, aviation gasoline blending components, naphtha and other oils for petrochemical feedstock use, special naphthas, lube oils, waxes, coke, asphalt, road oil, and miscellaneous oils.¹¹ Crude oil stocks in the SPR include non-U.S. stocks held under foreign or commercial storage agreements.Note: Some data are estimated. See Sources for clarification of estimated data. Due to independent rounding, individual product detail may not add to total.
Sources: See page 30.

Table 2. U.S. Petroleum Activity, January 2002 to Present
(Thousand Barrels per Day)

Inputs and Utilization												
Year/Element	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2002												
Crude Oil Inputs	14,487	14,306	14,526	15,325	15,301	15,397	15,430	15,338	14,861	14,303	15,155	14,900
Gross Inputs	14,693	14,510	14,724	15,586	15,329	15,610	15,666	15,572	15,149	14,614	15,463	15,218
Operable Capacity	16,755	16,755	16,755	16,757	16,757	16,764	16,764	16,764	16,764	16,700	16,700	16,700
Percent Utilization	87.7	86.6	87.9	93.0	91.5	93.1	93.5	92.9	90.4	87.5	92.6	91.1
2003												
Crude Oil Inputs	14,337	14,382	14,929	15,575	15,919	15,618						
Gross Inputs	14,611	14,640	15,157	15,759	16,046	15,841						
Operable Capacity	16,761	16,761	16,757	16,757	16,757	16,757						
Percent Utilization	87.2	87.3	90.5	94.0	95.8	94.5						
Average for Four-Week Period Ending:												
2003	6/27	7/4	7/11	7/18	7/25	8/1	8/8	8/15	8/22	8/29	9/5	9/12
Crude Oil Inputs	15,670	15,588	15,547	15,538	15,549	15,498	15,461	15,528	15,502	15,588	15,654	15,674
Gross Inputs	15,854	15,770	15,733	15,719	15,713	15,630	15,563	15,607	15,584	15,697	15,771	15,804
Operable Capacity	16,757	16,757	16,757	16,757	16,757	16,757	16,757	16,757	16,757	16,757	16,757	16,757
Percent Utilization ¹	94.6	94.1	93.9	93.8	93.8	93.3	92.9	93.1	93.0	93.7	94.1	94.3
Production by Product												
Year/Product	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2002												
Finished Motor Gasoline ²	8,160	8,117	8,072	8,626	8,729	8,661	8,665	8,666	8,320	8,190	8,738	8,734
Reformulated	2,558	2,636	2,641	2,706	2,707	2,644	2,640	2,725	2,658	2,657	2,832	2,877
Oxygenated ²	783	828	536	868	904	797	956	878	946	1,094	1,340	1,174
Conventional ²	4,858	4,684	4,813	5,102	5,142	5,220	5,100	5,036	4,740	4,447	4,589	4,741
Jet Fuel	1,477	1,451	1,505	1,492	1,479	1,512	1,569	1,539	1,552	1,495	1,543	1,548
Distillate Fuel Oil	3,508	3,498	3,360	3,647	3,709	3,679	3,561	3,538	3,536	3,380	3,768	3,922
0.05% Sulfur and under	2,448	2,456	2,370	2,657	2,730	2,694	2,566	2,542	2,631	2,532	2,823	2,818
Greater than 0.05% Sulfur	1,060	1,042	990	990	979	985	995	996	905	848	945	1,103
Residual Fuel Oil	625	613	617	601	582	540	566	583	607	593	648	641
2003												
Finished Motor Gasoline ²	8,038	8,031	7,917	8,449	8,780	8,694						
Reformulated	2,667	2,674	2,631	2,808	2,817	2,791						
Oxygenated ²	842	1,159	742	1,120	1,000	1,005						
Conventional ²	4,530	4,199	4,543	4,521	4,962	4,898						
Jet Fuel	1,495	1,416	1,422	1,445	1,484	1,393						
Distillate Fuel Oil	3,403	3,455	3,743	3,817	3,860	3,728						
0.05% Sulfur and under	2,383	2,366	2,654	2,879	2,937	2,798						
Greater than 0.05% Sulfur	1,020	1,089	1,089	939	923	930						
Residual Fuel Oil	660	682	653	634	731	668						
Average for Four-Week Period Ending:												
2003	6/27	7/4	7/11	7/18	7/25	8/1	8/8	8/15	8/22	8/29	9/5	9/12
Finished Motor Gasoline ²	8,508	8,494	8,639	8,721	8,688	8,735	8,669	8,708	8,743	8,777	8,756	8,698
Reformulated ²	2,803	2,817	2,838	2,823	2,774	2,755	2,711	2,735	2,742	2,739	2,748	2,686
Oxygenated ²	828	920	1,034	1,135	1,130	1,106	1,066	1,038	1,003	1,005	988	981
Conventional ²	4,878	4,757	4,767	4,764	4,784	4,874	4,893	4,936	4,998	5,033	5,021	5,031
Jet Fuel	1,379	1,367	1,404	1,430	1,455	1,481	1,478	1,515	1,529	1,538	1,557	1,548
Distillate Fuel Oil	3,740	3,707	3,681	3,674	3,676	3,693	3,682	3,684	3,698	3,674	3,699	3,741
0.05% Sulfur and under	2,760	2,738	2,705	2,741	2,751	2,763	2,753	2,736	2,741	2,709	2,747	2,760
Greater than 0.05% Sulfur	980	969	976	932	925	930	929	948	958	965	953	981
Residual Fuel Oil	668	647	619	617	615	610	628	638	647	645	654	652

¹ Calculated as gross inputs divided by the latest reported monthly operable capacity. See Glossary. Percentages are calculated using unrounded numbers.

² Beginning in 1993, motor gasoline production and product supplied includes blending of fuel ethanol and an adjustment to correct for the imbalance of motor gasoline blending components.

Notes: Some data are estimated. See Sources for clarification of estimated data. Production statistics represent net production (i.e., refinery output minus refinery input).

Source: See page 30.

Figure 1. U.S. Refinery Capacity, Inputs, and Production, January 2002 to Present

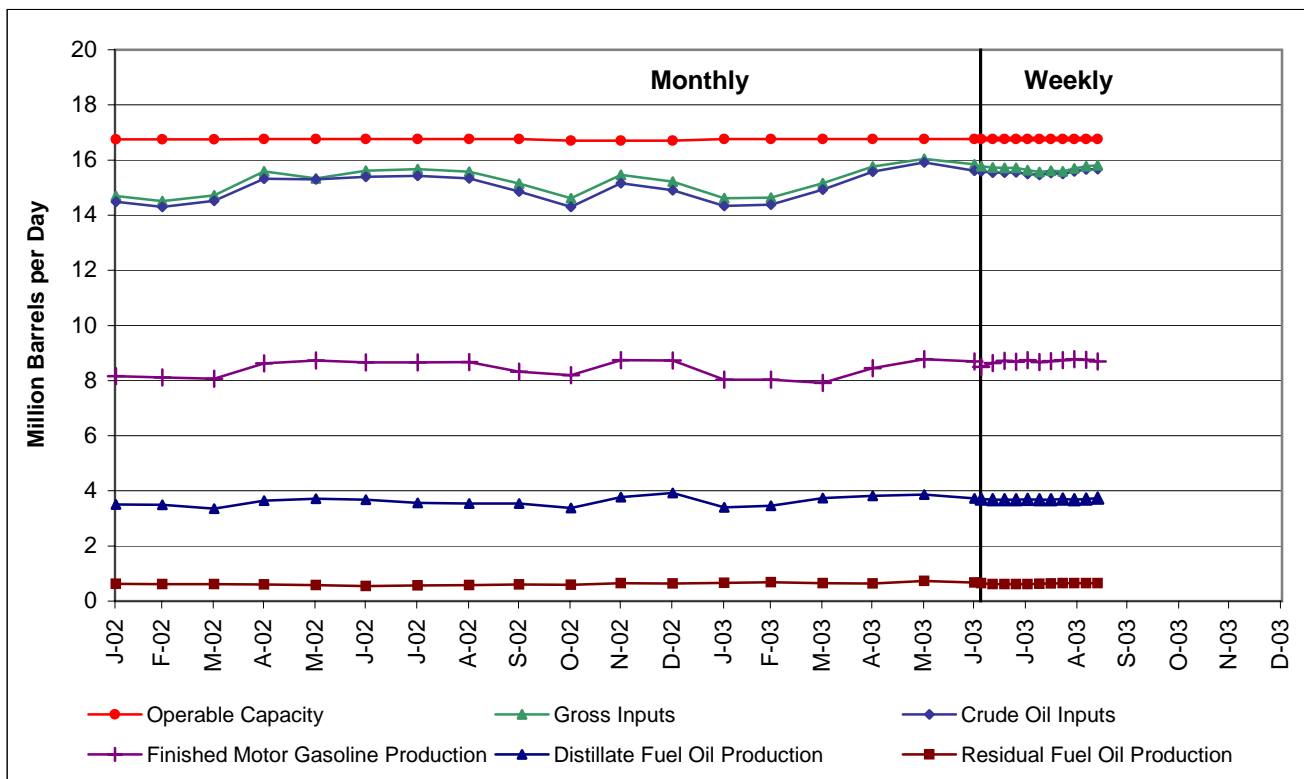
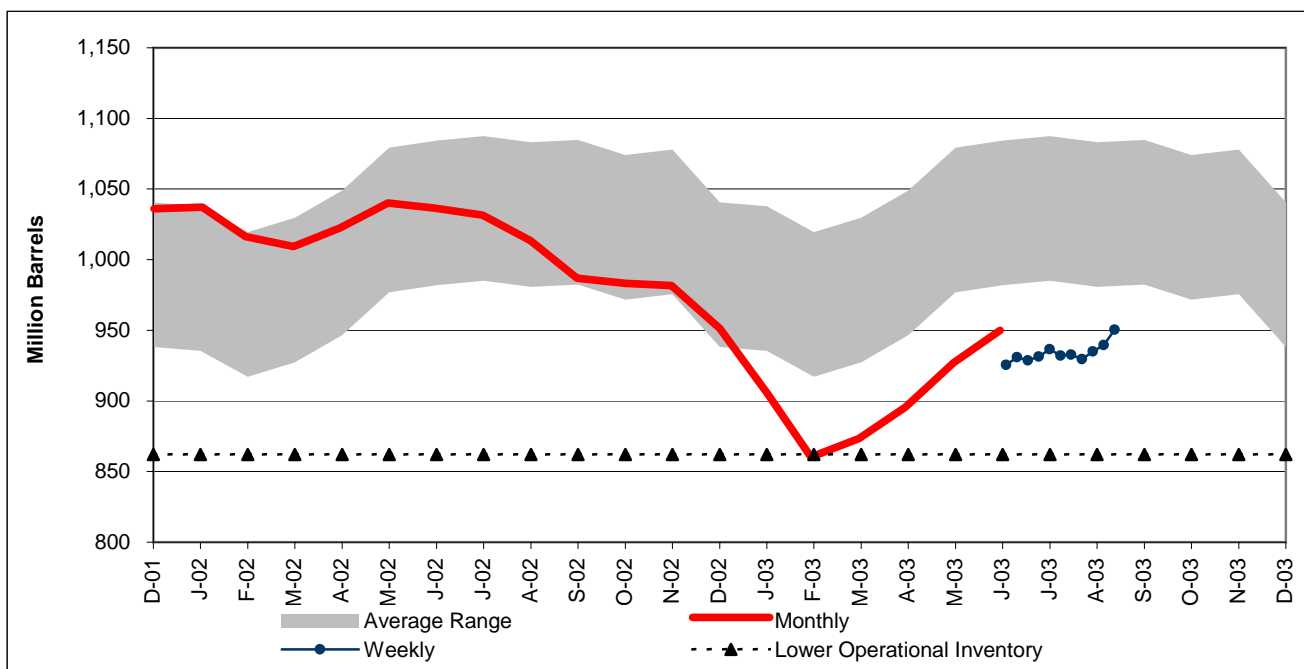


Figure 2. U.S. Stocks of Crude Oil and Petroleum Products, December 2001 to Present



Note: The Lower Operational Inventory for total stocks is 862.0 million barrels. See Appendix A for further explanation.

Table 3. Stocks of Crude Oil and Petroleum Products,¹ U.S. Totals, January 2002 to Present
(Million Barrels)

Year/Product	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2002												
Crude Oil ²	320.3	327.4	333.5	324.6	327.0	317.6	304.3	296.2	270.6	291.5	288.1	277.6
Total Motor Gasoline	222.0	217.8	213.4	216.4	218.1	216.6	214.5	204.0	206.5	193.5	205.9	209.1
Reformulated	45.6	45.1	43.2	45.7	45.9	44.9	43.5	40.2	40.6	35.6	36.3	42.2
Oxygenated	0.5	0.4	0.3	0.5	0.3	0.4	0.3	0.4	0.4	0.6	0.6	0.6
Conventional	123.6	120.0	116.3	120.8	122.1	122.3	121.0	116.7	116.3	112.0	121.2	119.1
Blending Components	52.3	52.3	53.6	49.4	49.8	49.0	49.7	46.6	49.1	45.3	47.9	47.2
Jet Fuel	41.2	40.8	41.8	40.4	41.0	39.1	38.4	39.4	40.6	41.7	42.7	39.2
Distillate Fuel Oil ³	136.9	130.0	123.1	122.4	127.0	133.1	133.8	130.6	126.9	121.4	124.4	134.1
0.05% Sulfur and under	80.0	77.9	74.2	74.3	77.0	79.3	76.9	71.0	68.3	65.5	71.5	80.7
Greater than 0.05% Sulfur	56.9	52.1	48.9	48.1	50.0	53.8	56.9	59.6	58.5	55.9	52.9	53.4
Residual Fuel Oil	41.4	39.0	34.3	34.6	33.9	32.7	33.5	31.9	33.0	33.6	35.6	31.3
Unfinished Oils	91.1	90.2	93.7	95.0	91.2	87.8	87.2	85.3	85.0	90.5	88.2	75.8
Other Oils ⁴	183.1	171.3	171.5	188.3	201.5	212.8	220.5	226.7	224.3	211.2	197.7	181.7
Total (Excl. SPR) ³	1,036.0	1,016.5	1,011.3	1,021.7	1,039.7	1,039.7	1,032.3	1,014.1	986.8	983.4	982.6	948.8
Crude Oil in SPR ⁵	554.6	560.0	561.5	566.7	571.3	576.5	578.5	582.3	587.2	589.6	595.9	599.1
Total (Incl. SPR) ³	1,590.6	1,576.4	1,572.8	1,588.4	1,610.9	1,616.1	1,610.8	1,596.3	1,574.1	1,573.0	1,578.5	1,547.9
2003												
Crude Oil ²	273.0	270.4	280.5	290.2	283.6	283.2						
Total Motor Gasoline	211.6	203.2	199.9	207.5	208.3	206.0						
Reformulated	37.7	35.3	32.7	35.5	36.2	37.6						
Oxygenated	0.4	0.2	0.2	0.1	0.1	0.2						
Conventional	120.3	116.6	112.1	116.3	119.7	115.6						
Blending Components	53.2	51.2	54.9	55.6	52.2	52.6						
Jet Fuel	40.6	38.5	36.8	36.6	40.2	38.4						
Distillate Fuel Oil ³	112.2	97.2	98.5	97.1	106.1	111.8						
0.05% Sulfur and under	68.4	60.5	63.5	65.9	71.9	74.0						
Greater than 0.05% Sulfur	43.8	36.7	35.0	31.2	34.2	37.8						
Residual Fuel Oil	31.3	30.8	32.3	31.1	36.2	35.6						
Unfinished Oils	80.3	83.5	84.5	85.4	84.5	88.1						
Other Oils ⁴	155.9	136.6	140.9	147.8	168.3	186.9						
Total (Excl. SPR) ³	904.8	860.3	873.4	895.6	927.2	949.9						
Crude Oil in SPR ⁵	599.2	599.2	599.2	599.6	603.1	608.5						
Total (Incl. SPR) ³	1,504.1	1,459.5	1,472.6	1,495.2	1,530.3	1,558.4						
2003												
	6/27	7/4	7/11	7/18	7/25	8/1	8/8	8/15	8/22	8/29	9/5	9/12
Crude Oil ²	282.1	282.2	278.6	276.3	277.3	280.2	280.4	278.8	278.6	280.4	276.2	279.3
Total Motor Gasoline	205.0	205.5	209.4	207.8	204.5	201.8	198.1	196.9	191.2	191.9	192.6	195.3
Reformulated	36.9	38.3	38.4	39.4	36.6	33.5	35.1	33.4	32.3	30.9	31.9	32.5
Oxygenated	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
Conventional	114.9	112.6	116.5	114.8	114.1	115.6	111.2	113.1	109.8	111.6	112.0	111.9
Blending Components	52.9	54.3	54.2	53.3	53.5	52.4	51.6	50.0	48.7	49.0	48.3	50.6
Jet Fuel	39.1	39.2	39.0	38.2	37.8	38.3	37.6	38.5	38.2	38.2	40.1	40.3
Distillate Fuel Oil ³	109.7	109.2	114.7	115.2	117.4	119.1	119.9	121.1	121.8	124.7	128.4	131.3
0.05% Sulfur and under	72.3	71.5	74.2	74.5	75.4	75.5	75.3	74.4	74.9	76.4	78.6	79.3
Greater than 0.05% Sulfur	37.4	37.7	40.5	40.7	42.0	43.5	44.6	46.8	46.9	48.4	49.8	52.0
Residual Fuel Oil	34.3	34.7	34.2	34.8	35.1	33.7	33.8	34.2	32.2	30.7	32.9	32.2
Unfinished Oils	88.6	87.0	85.3	84.7	85.5	85.8	83.3	83.4	86.8	85.2	83.5	83.5
Other Oils ⁴	165.8	167.7	169.7	171.7	173.7	177.9	178.9	179.9	180.8	183.9	185.9	188.4
Total (Excl. SPR) ³	924.6	925.5	930.9	928.7	931.3	936.7	932.1	932.8	929.7	935.0	939.6	950.4
Crude Oil in SPR ⁵	607.3	608.7	609.3	610.0	610.7	612.4	612.6	612.7	615.9	617.0	618.5	620.2
Total (Incl. SPR) ³	1,532.0	1,534.2	1,540.2	1,538.7	1,542.0	1,549.1	1,544.6	1,545.5	1,545.6	1,551.9	1,558.0	1,570.6

¹ Product stocks include those domestic and Customs-cleared foreign stocks held at, or in transit to, refineries and bulk terminals, and stocks in pipelines.

Stocks held at natural gas processing plants are included in "Other Oils" and in totals. All stock levels are as of the end of the period.

² Crude oil stocks include those domestic and Customs-cleared foreign crude oil stocks held at refineries, in pipelines, in lease tanks, and in transit to refineries.

Does not include those held in the Strategic Petroleum Reserve (SPR).

³ Distillate fuel oil stocks located in the "Northeast Heating Oil Reserve" are not included. For details see Appendix D.

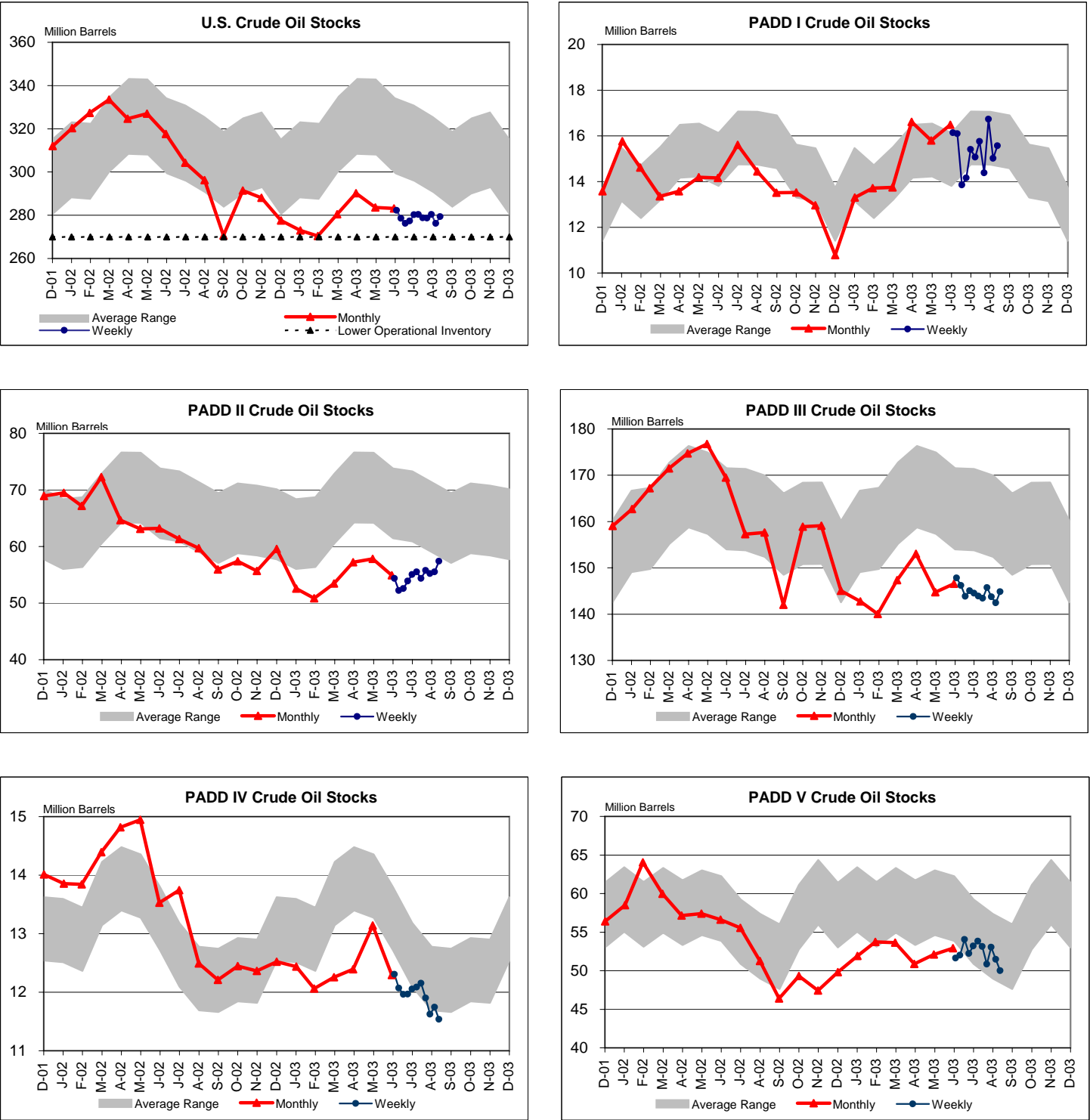
⁴ Included are stocks of all other oils such as aviation gasoline, kerosene, natural gas liquids and LRG's, other hydrocarbons and oxygenates, aviation gasoline blending components, naphtha and other oils for petrochemical feedstock use, special naphthas, lube oils, waxes, coke, asphalt, road oil, and miscellaneous oils.

⁵ Crude oil stocks in the SPR include non-U.S. stocks held under foreign or commercial storage agreements.

Notes: Some data are estimates. See Sources for clarification of estimated data. Data may not add to total due to independent rounding.

Source: See page 30.

Figure 3. Stocks of Crude Oil by PAD District, December 2001 to Present



Note: The Lower Operational Inventory for crude oil stocks is 270.0 million barrels. See Appendix A for further explanation.

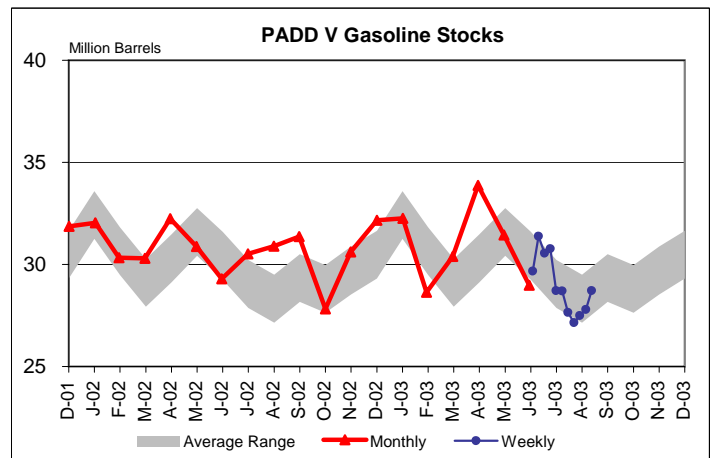
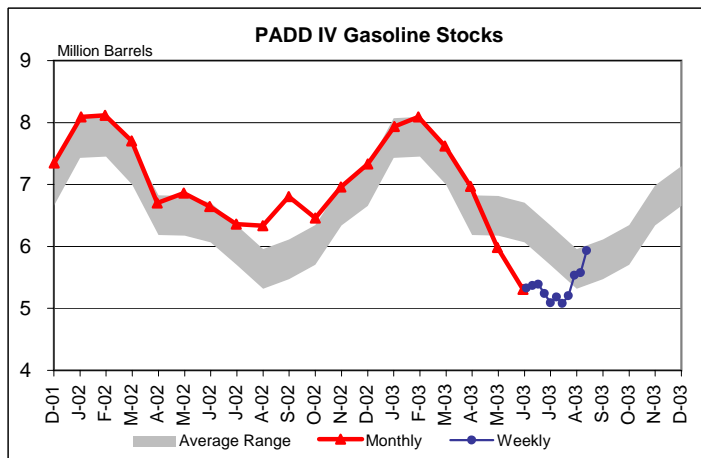
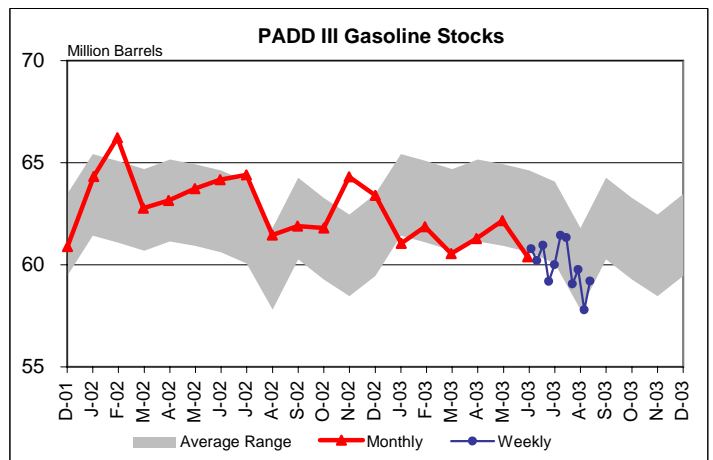
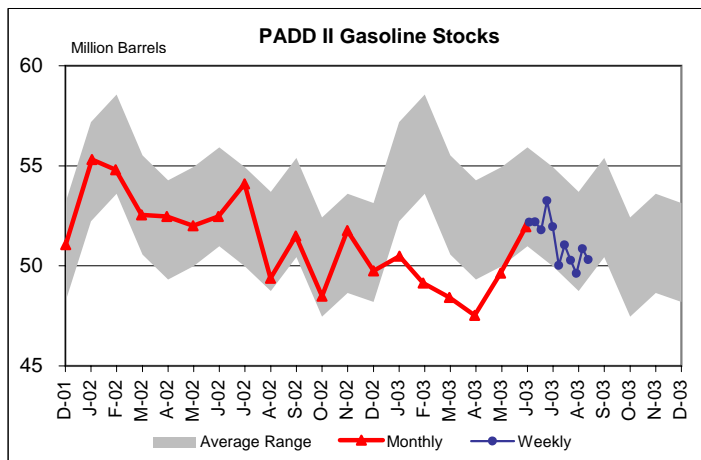
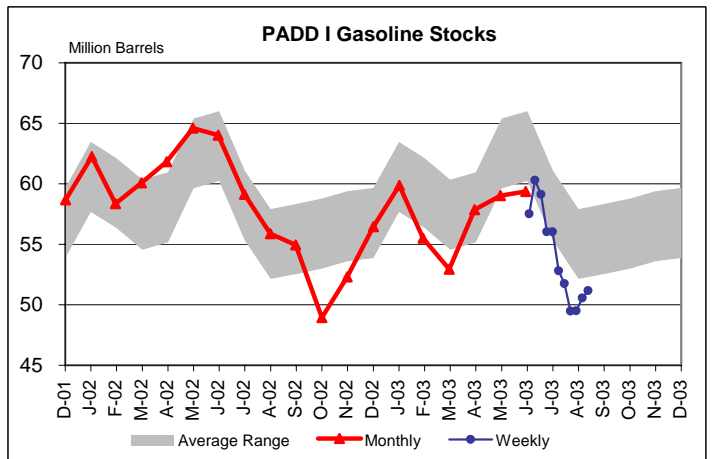
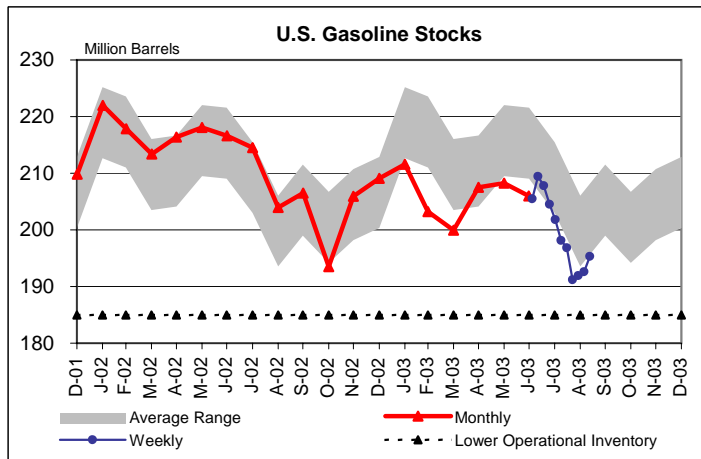
Table 4. Stocks of Motor Gasoline by PAD District, January 2002 to Present
(Million Barrels)

Year/District	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2002												
Total Motor Gasoline	222.0	217.8	213.4	216.4	218.1	216.6	214.5	204.0	206.5	193.5	205.9	209.1
East Coast (PADD I)	62.2	58.4	60.1	61.8	64.6	64.0	59.1	55.9	55.0	48.9	52.3	56.5
New England (PADD IA)	5.4	5.4	4.6	5.3	5.3	5.5	4.9	4.5	5.1	3.6	3.8	4.3
Central Atlantic (PADD IB)	33.4	32.3	33.4	33.7	35.2	33.7	31.1	30.5	29.0	24.5	26.1	29.5
Lower Atlantic (PADD IC)	23.4	20.7	22.1	22.8	24.2	24.8	23.1	20.9	20.9	20.9	22.4	22.6
Midwest (PADD II)	55.3	54.8	52.6	52.5	52.0	52.5	54.1	49.4	51.5	48.5	51.8	49.7
Gulf Coast (PADD III)	64.3	66.2	62.8	63.2	63.7	64.2	64.4	61.5	61.9	61.8	64.3	63.4
Rocky Mountain (PADD IV)	8.1	8.1	7.7	6.7	6.9	6.6	6.4	6.3	6.8	6.5	7.0	7.3
West Coast (PADD V)	32.0	30.3	30.3	32.2	30.9	29.3	30.5	30.9	31.4	27.8	30.6	32.2
Finished Motor Gasoline	169.7	165.5	159.8	167.0	168.3	167.6	164.8	157.3	157.4	148.2	158.0	161.9
Reformulated	45.6	45.1	43.2	45.7	45.9	44.9	43.5	40.2	40.6	35.6	36.3	42.2
Oxygenated	0.5	0.4	0.3	0.5	0.3	0.4	0.3	0.4	0.4	0.6	0.6	0.6
Conventional	123.6	120.0	116.3	120.8	122.1	122.3	121.0	116.7	116.3	112.0	121.2	119.1
Blending Components	52.3	52.3	53.6	49.4	49.8	49.0	49.7	46.6	49.1	45.3	47.9	47.2
2003												
Total Motor Gasoline	211.6	203.2	199.9	207.5	208.3	206.0						
East Coast (PADD I)	59.9	55.5	52.9	57.9	59.0	59.4						
New England (PADD IA)	4.4	3.7	4.2	4.3	4.1	4.4						
Central Atlantic (PADD IB)	30.8	28.0	26.9	30.1	29.9	31.3						
Lower Atlantic (PADD IC)	24.6	23.7	21.9	23.4	25.0	23.7						
Midwest (PADD II)	50.5	49.1	48.4	47.5	49.6	52.0						
Gulf Coast (PADD III)	61.0	61.9	60.6	61.3	62.2	60.4						
Rocky Mountain (PADD IV)	7.9	8.1	7.6	7.0	6.0	5.3						
West Coast (PADD V)	32.3	28.6	30.4	33.9	31.4	29.0						
Finished Motor Gasoline	158.4	152.1	145.0	151.9	156.1	153.4						
Reformulated	37.7	35.3	32.7	35.5	36.2	37.6						
Oxygenated	0.4	0.2	0.2	0.1	0.1	0.2						
Conventional	120.3	116.6	112.1	116.3	119.7	115.6						
Blending Components	53.2	51.2	54.9	55.6	52.2	52.6						
2003												
	6/27	7/4	7/11	7/18	7/25	8/1	8/8	8/15	8/22	8/29	9/5	9/12
Total Motor Gasoline	205.0	205.5	209.4	207.8	204.5	201.8	198.1	196.9	191.2	191.9	192.6	195.3
East Coast (PADD I)	57.9	57.5	60.3	59.1	56.0	56.0	52.8	51.7	49.5	49.5	50.6	51.2
New England (PADD IA)	4.8	4.7	4.8	4.9	4.5	4.3	3.6	3.7	3.6	3.7	3.5	3.8
Central Atlantic (PADD IB)	31.5	31.1	32.1	32.2	30.2	28.6	26.4	25.5	22.8	22.0	23.4	24.9
Lower Atlantic (PADD IC)	21.5	21.8	23.4	22.0	21.4	23.1	22.8	22.6	23.1	23.8	23.7	22.4
Midwest (PADD II)	52.2	52.2	52.2	51.8	53.3	52.0	50.0	51.0	50.3	49.6	50.9	50.3
Gulf Coast (PADD III)	60.1	60.8	60.2	61.0	59.2	60.0	61.4	61.3	59.1	59.8	57.8	59.2
Rocky Mountain (PADD IV)	5.5	5.3	5.4	5.4	5.2	5.1	5.2	5.1	5.2	5.5	5.6	5.9
West Coast (PADD V)	29.3	29.7	31.4	30.6	30.8	28.7	28.7	27.6	27.2	27.5	27.8	28.7
Finished Motor Gasoline	152.1	151.2	155.2	154.5	151.0	149.4	146.6	146.8	142.5	142.9	144.3	144.8
Reformulated	36.9	38.3	38.4	39.4	36.6	33.5	35.1	33.4	32.3	30.9	31.9	32.5
Oxygenated	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
Conventional	114.9	112.6	116.5	114.8	114.1	115.6	111.2	113.1	109.8	111.6	112.0	111.9
Blending Components	52.9	54.3	54.2	53.3	53.5	52.4	51.6	50.0	48.7	49.0	48.3	50.6

Note: PADD and sub-PADD data may not add to total due to independent rounding.

Source: See page 30.

Figure 4. Stocks of Gasoline by PAD District, December 2001 to Present



Note: The Lower Operational Inventory for motor gasoline stocks is 185.0 million barrels. See Appendix A for further explanation.

Table 5. Stocks of Distillate Fuel Oil by PAD District, January 2002 to Present

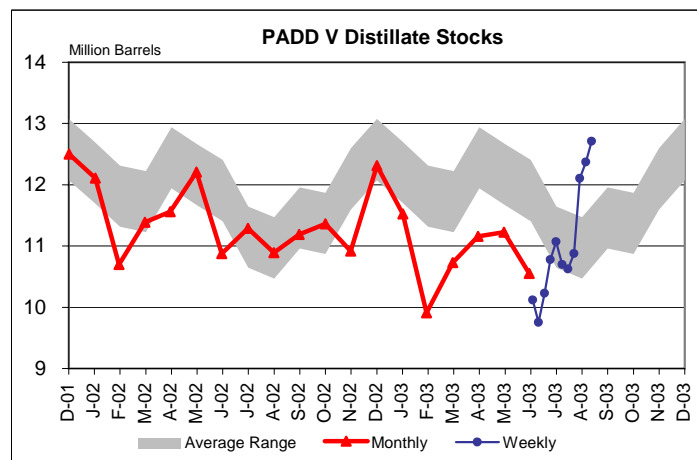
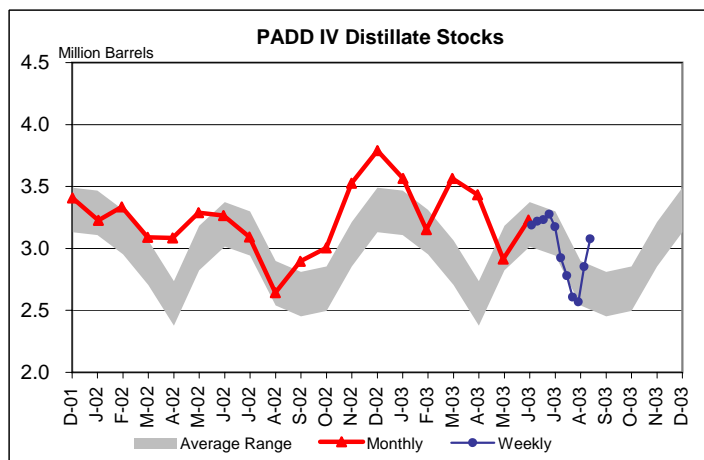
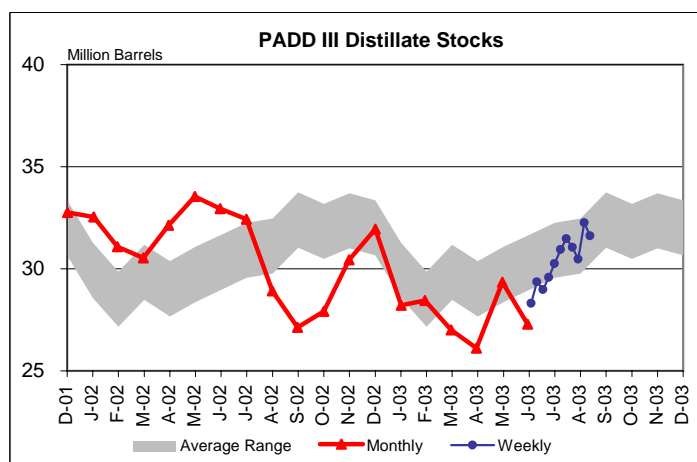
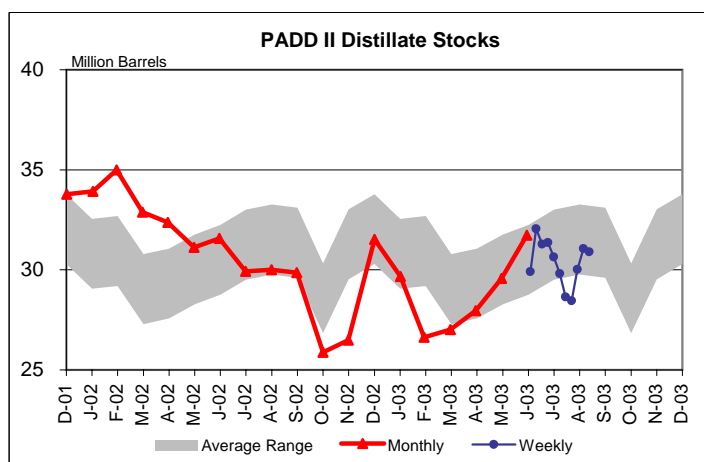
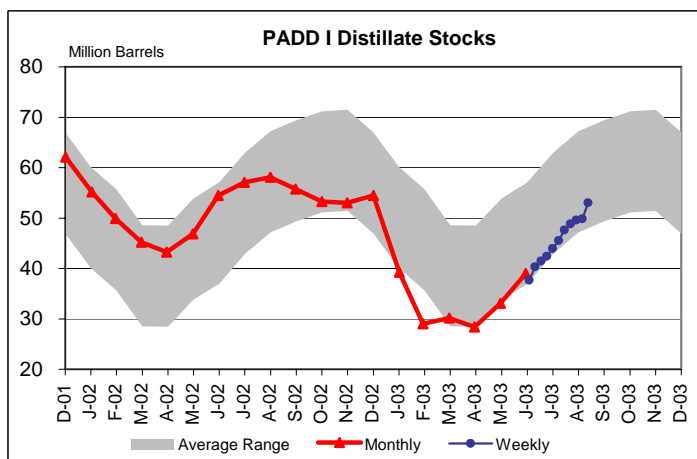
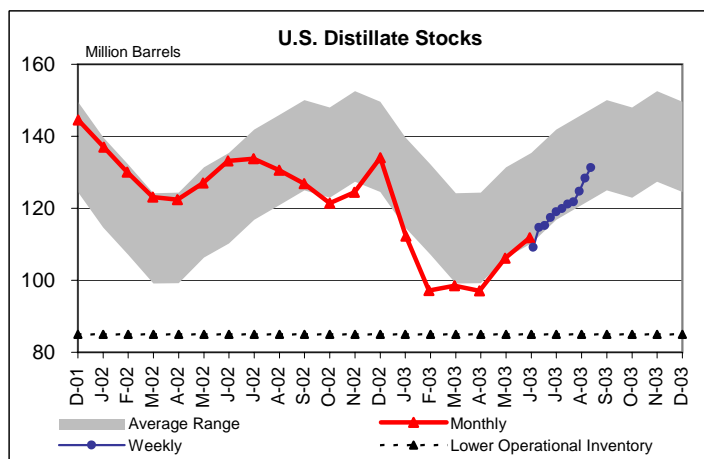
(Million Barrels)

Year/District	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2002												
Total U.S.	136.9	130.0	123.1	122.4	127.0	133.1	133.8	130.6	126.9	121.4	124.4	134.1
0.05% Sulfur and Under	80.0	77.9	74.2	74.3	77.0	79.3	76.9	71.0	68.3	65.5	71.5	80.7
Greater than 0.05% Sulfur	56.9	52.1	48.9	48.1	50.0	53.8	56.9	59.6	58.5	55.9	52.9	53.4
East Coast (PADD I)	55.1	49.9	45.2	43.2	46.9	54.5	57.1	58.1	55.8	53.3	53.0	54.5
0.05% Sulfur and Under	20.9	18.7	15.9	14.9	18.0	22.1	20.8	19.6	17.7	16.4	19.0	21.0
Greater than 0.05% Sulfur	34.2	31.2	29.3	28.4	28.8	32.3	36.2	38.5	38.1	36.9	34.0	33.5
New England (PADD IA)	9.9	8.8	7.3	7.2	7.8	8.6	9.8	10.2	9.6	8.2	8.3	8.1
Central Atlantic (PADD IB)	32.4	28.4	25.5	24.4	26.4	30.6	33.3	34.8	34.1	33.5	31.7	31.5
Lower Atlantic (PADD IC)	12.9	12.7	12.5	11.7	12.7	15.3	13.9	13.1	12.1	11.6	13.1	14.9
Midwest (PADD II)	33.9	35.0	32.9	32.4	31.1	31.6	29.9	30.0	29.9	25.9	26.5	31.5
0.05% Sulfur and Under	26.0	27.0	25.1	24.6	23.3	23.0	22.5	21.6	20.8	18.5	19.5	24.3
Greater than 0.05% Sulfur	7.9	8.0	7.8	7.8	7.8	8.6	7.5	8.4	9.1	7.4	7.0	7.3
Gulf Coast (PADD III)	32.5	31.1	30.5	32.1	33.5	32.9	32.4	28.9	27.1	27.9	30.4	31.9
0.05% Sulfur and Under	20.9	20.7	21.3	23.1	22.8	22.6	21.7	18.7	18.4	19.0	21.2	22.4
Greater than 0.05% Sulfur	11.7	10.3	9.2	9.0	10.7	10.4	10.7	10.2	8.7	8.9	9.3	9.6
Rocky Mountain (PADD IV)	3.2	3.3	3.1	3.1	3.3	3.3	3.1	2.6	2.9	3.0	3.5	3.8
0.05% Sulfur and Under	2.8	3.0	2.7	2.6	2.8	2.8	2.7	2.3	2.4	2.6	3.0	3.2
Greater than 0.05% Sulfur	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.3	0.5	0.4	0.5	0.6
West Coast (PADD V)	12.1	10.7	11.4	11.6	12.2	10.9	11.3	10.9	11.2	11.4	10.9	12.3
0.05% Sulfur and Under	9.4	8.4	9.1	9.1	10.0	8.8	9.2	8.7	9.0	9.0	8.7	9.9
Greater than 0.05% Sulfur	2.7	2.3	2.3	2.5	2.3	2.1	2.1	2.1	2.2	2.3	2.2	2.5
2003												
Total U.S.	112.2	97.2	98.5	97.1	106.1	111.8						
0.05% Sulfur and Under	68.4	60.5	63.5	65.9	71.9	74.0						
Greater than 0.05% Sulfur	43.8	36.7	35.0	31.2	34.2	37.8						
East Coast (PADD I)	39.3	29.0	30.2	28.4	33.1	39.0						
0.05% Sulfur and Under	15.6	12.3	13.9	15.2	17.5	18.6						
Greater than 0.05% Sulfur	23.7	16.7	16.3	13.2	15.6	20.4						
New England (PADD IA)	5.8	3.7	4.5	3.2	4.4	7.1						
Central Atlantic (PADD IB)	22.4	15.1	15.6	13.2	15.8	20.0						
Lower Atlantic (PADD IC)	11.1	10.1	10.0	12.1	12.9	11.9						
Midwest (PADD II)	29.7	26.6	27.0	28.0	29.6	31.7						
0.05% Sulfur and Under	23.0	19.7	19.6	20.6	21.5	23.9						
Greater than 0.05% Sulfur	6.7	7.0	7.4	7.4	8.1	7.8						
Gulf Coast (PADD III)	28.2	28.5	27.0	26.1	29.3	27.3						
0.05% Sulfur and Under	17.6	18.0	18.3	18.6	21.5	20.4						
Greater than 0.05% Sulfur	10.6	10.5	8.7	7.5	7.8	6.9						
Rocky Mountain (PADD IV)	3.6	3.2	3.6	3.4	2.9	3.2						
0.05% Sulfur and Under	3.1	2.7	3.1	3.0	2.5	2.7						
Greater than 0.05% Sulfur	0.5	0.5	0.5	0.4	0.4	0.6						
West Coast (PADD V)	11.5	9.9	10.7	11.2	11.2	10.6						
0.05% Sulfur and Under	9.1	7.9	8.5	8.5	8.9	8.4						
Greater than 0.05% Sulfur	2.4	2.0	2.2	2.7	2.3	2.1						
2003												
	6/27	7/4	7/11	7/18	7/25	8/1	8/8	8/15	8/22	8/29	9/5	9/12
Total U.S.	109.7	109.2	114.7	115.2	117.4	119.1	119.9	121.1	121.8	124.7	128.4	131.3
0.05% Sulfur and Under	72.3	71.5	74.2	74.5	75.4	75.5	75.3	74.4	74.9	76.4	78.6	79.3
Greater than 0.05% Sulfur	37.4	37.7	40.5	40.7	42.0	43.5	44.6	46.8	46.9	48.4	49.8	52.0
East Coast (PADD I)	37.9	37.7	40.3	41.5	42.4	43.9	45.6	47.6	48.8	49.6	49.8	53.0
0.05% Sulfur and Under	18.6	17.8	18.7	18.8	19.1	20.0	20.5	19.4	20.9	20.3	20.3	21.0
Greater than 0.05% Sulfur	19.3	19.9	21.6	22.7	23.2	23.9	25.0	28.2	27.9	29.3	29.6	32.0
New England (PADD IA)	6.3	7.7	8.1	8.4	8.0	7.9	7.9	8.3	8.0	7.7	7.0	8.0
Central Atlantic (PADD IB)	19.6	19.2	20.4	20.7	21.8	23.1	24.5	26.4	27.3	28.6	29.9	31.2
Lower Atlantic (PADD IC)	12.0	10.7	11.8	12.4	12.6	13.0	13.1	13.0	13.5	13.3	12.9	13.8
Midwest (PADD II)	30.5	29.9	32.1	31.3	31.4	30.6	29.8	28.6	28.5	30.0	31.1	30.9
0.05% Sulfur and Under	22.7	22.2	23.7	24.0	23.8	23.1	22.3	21.5	21.3	22.8	23.3	23.0
Greater than 0.05% Sulfur	7.9	7.7	8.3	7.2	7.5	7.5	7.5	7.1	7.1	7.3	7.8	7.9
Gulf Coast (PADD III)	27.6	28.3	29.4	29.0	29.6	30.2	30.9	31.5	31.0	30.5	32.3	31.6
0.05% Sulfur and Under	20.3	21.0	21.8	21.0	21.3	21.2	21.6	22.6	21.7	21.7	22.9	22.6
Greater than 0.05% Sulfur	7.2	7.3	7.6	8.0	8.3	9.1	9.4	8.8	9.3	8.8	9.4	9.0
Rocky Mountain (PADD IV)	3.2	3.2	3.2	3.2	3.3	3.2	2.9	2.8	2.6	2.6	2.9	3.1
0.05% Sulfur and Under	2.8	2.7	2.7	2.7	2.8	2.7	2.5	2.3	2.2	2.2	2.4	2.6
Greater than 0.05% Sulfur	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.5
West Coast (PADD V)	10.5	10.1	9.8	10.2	10.8	11.1	10.7	10.6	10.9	12.1	12.4	12.7
0.05% Sulfur and Under	7.8	7.8	7.2	8.0	8.4	8.5	8.5	8.5	8.7	9.5	9.8	10.0
Greater than 0.05% Sulfur	2.6	2.3	2.5	2.2	2.4	2.5	2.2	2.2	2.2	2.6	2.6	2.7

Note: * PADD and sub-PADD data may not add to total due to independent rounding.

Source: See page 30.

Figure 5. Stocks of Distillate Fuel Oil by PAD District, December 2001 to Present



Note: The Lower Operational Inventory for distillate fuel stocks is 85.0 million barrels. See Appendix A for further explanation.

Table 6. Stocks of Residual Fuel Oil by PAD District, January 2002 to Present

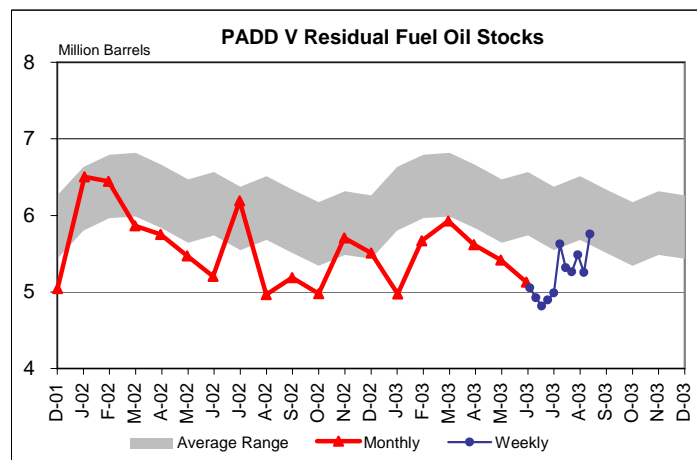
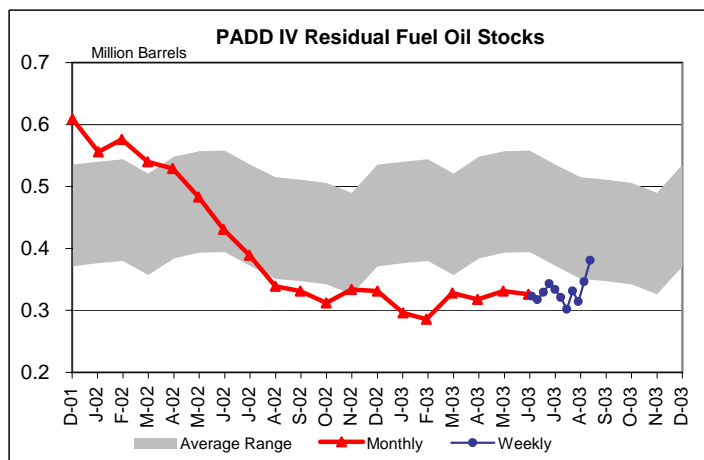
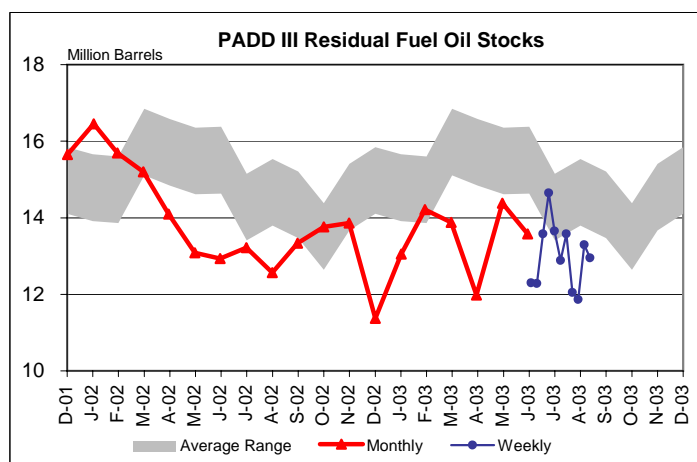
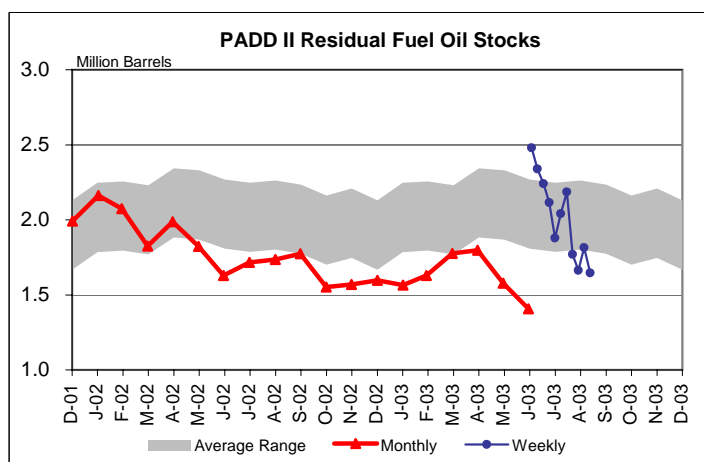
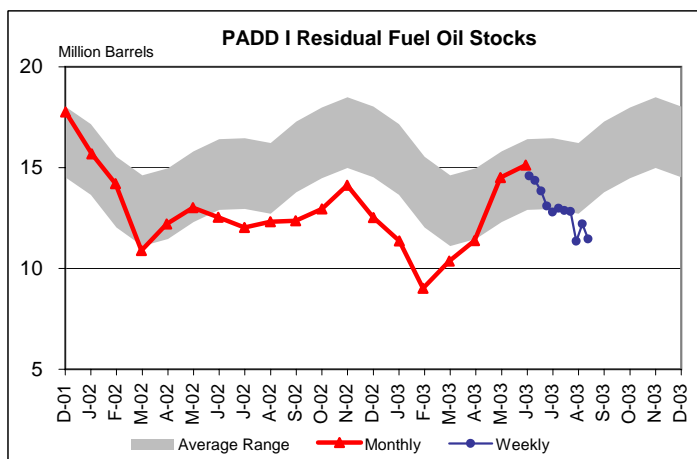
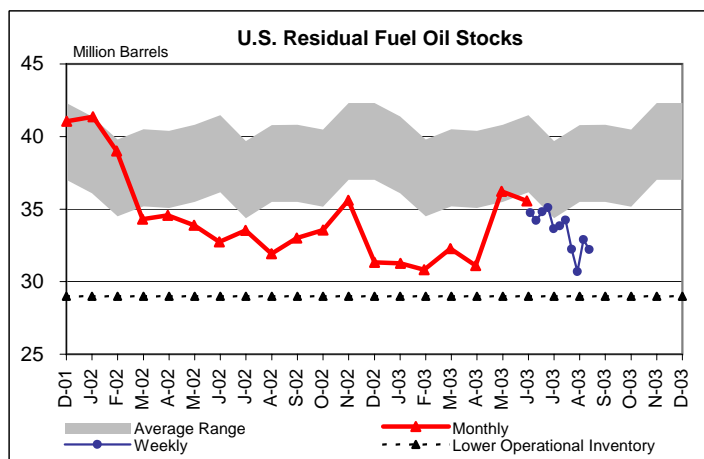
(Million Barrels)

Year/District	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2002												
Total U.S.	41.4	39.0	34.3	34.6	33.9	32.7	33.5	31.9	33.0	33.6	35.6	31.3
East Coast (PADD I)	15.7	14.2	10.9	12.2	13.0	12.5	12.0	12.3	12.4	13.0	14.1	12.5
New England (PADD IA)	1.4	1.2	1.1	0.8	1.1	0.9	0.5	0.7	1.0	0.8	0.8	0.8
Central Atlantic (PADD IB)	11.7	9.7	7.3	8.1	8.7	8.5	8.4	8.7	9.1	9.6	10.6	9.3
Lower Atlantic (PADD IC)	2.5	3.4	2.5	3.3	3.2	3.1	3.1	3.0	2.3	2.6	2.7	2.4
Midwest (PADD II)	2.2	2.1	1.8	2.0	1.8	1.6	1.7	1.7	1.8	1.6	1.6	1.6
Gulf Coast (PADD III)	16.5	15.7	15.2	14.1	13.1	12.9	13.2	12.6	13.3	13.8	13.9	11.4
Rocky Mountain (PADD IV)	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3
West Coast (PADD V)	6.5	6.4	5.9	5.8	5.5	5.2	6.2	5.0	5.2	5.0	5.7	5.5
2003												
Total U.S.	31.3	30.8	32.3	31.1	36.2	35.6						
East Coast (PADD I)	11.4	9.0	10.4	11.4	14.5	15.1						
New England (PADD IA)	0.7	0.6	0.7	0.6	0.9	0.9						
Central Atlantic (PADD IB)	8.5	6.2	7.4	8.7	10.9	11.3						
Lower Atlantic (PADD IC)	2.2	2.2	2.3	2.1	2.8	2.9						
Midwest (PADD II)	1.6	1.6	1.8	1.8	1.6	1.4						
Gulf Coast (PADD III)	13.0	14.2	13.9	12.0	14.4	13.6						
Rocky Mountain (PADD IV)	0.3	0.3	0.3	0.3	0.3	0.3						
West Coast (PADD V)	5.0	5.7	5.9	5.6	5.4	5.1						
2003												
	6/27	7/4	7/11	7/18	7/25	8/1	8/8	8/15	8/22	8/29	9/5	9/12
Total U.S.	34.3	34.7	34.2	34.8	35.1	33.7	33.8	34.2	32.2	30.7	32.9	32.2
East Coast (PADD I)	14.0	14.6	14.4	13.8	13.1	12.8	13.0	12.9	12.8	11.4	12.2	11.5
New England (PADD IA)	0.9	0.9	0.9	0.9	0.8	0.8	0.9	0.9	1.0	1.0	0.8	0.7
Central Atlantic (PADD IB)	10.5	11.0	11.0	10.8	9.7	9.5	9.3	9.2	8.4	7.3	8.2	7.9
Lower Atlantic (PADD IC)	2.6	2.7	2.5	2.1	2.6	2.5	2.8	2.8	3.5	3.1	3.3	2.9
Midwest (PADD II)	2.3	2.5	2.3	2.2	2.1	1.9	2.0	2.2	1.8	1.7	1.8	1.6
Gulf Coast (PADD III)	12.7	12.3	12.3	13.6	14.6	13.7	12.9	13.6	12.0	11.9	13.3	13.0
Rocky Mountain (PADD IV)	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
West Coast (PADD V)	5.1	5.1	4.9	4.8	4.9	5.0	5.6	5.3	5.3	5.5	5.3	5.8

Note: PADD and sub-PADD data may not add to total due to independent rounding.

Source: See page 30.

Figure 6. Stocks of Residual Fuel Oil by PAD District, December 2001 to Present



Note: The Lower Operational Inventory for residual fuel stocks is 29.0 million barrels. See Appendix A for further explanation.

Table 7. Net Production, Imports, and Stocks of Propane/Propylene by PAD Districts I, II, and III, January 2002 to Present
(Thousand Barrels per Day)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2002												
Net Production ¹ U.S.	1082	1114	1111	1135	1159	1133	1137	1142	1091	1080	1143	1127
East Coast (PADD I)	62	65	63	61	62	59	58	52	52	61	60	61
New England (PADD IA)	0	0	0	0	0	0	0	0	0	0	0	0
Central Atlantic (PADD IB)	51	53	52	52	52	48	47	41	41	50	48	49
Lower Atlantic (PADD IC)	11	11	11	10	11	10	11	11	11	11	12	11
Midwest (PADD II)	212	216	209	223	223	221	216	218	211	212	218	207
Gulf Coast (PADD III)	674	698	702	710	733	720	730	737	692	667	725	714
Imports U.S.	201	179	147	157	87	101	120	116	131	144	170	193
East Coast (PADD I)	47	47	30	35	5	18	17	5	31	8	27	42
New England (PADD IA)	13	14	21	15	3	3	16	3	11	3	16	16
Central Atlantic (PADD IB)	25	14	5	3	3	2	2	2	7	5	6	10
Lower Atlantic (PADD IC)	9	19	4	18	0	13	0	0	13	0	5	16
Midwest (PADD II)	134	117	106	117	79	73	98	105	94	129	134	142
Gulf Coast (PADD III)	0	0	0	0	0	9	3	4	2	0	0	0
Stocks (Million Barrels)												
U.S.	53.5	42.6	39.3	45.9	50.8	58.3	64.2	68.2	70.6	65.1	61.8	52.6
East Coast (PADD I)	4.5	4.2	4.3	4.4	4.3	4.9	5.6	5.8	6.3	5.8	5.5	4.7
New England (PADD IA)	0.3	0.4	0.6	0.6	0.4	0.2	0.9	0.8	1.0	0.8	0.8	0.9
Central Atlantic (PADD IB)	1.8	1.8	1.7	1.5	1.7	2.1	2.3	2.6	2.5	2.3	2.0	1.3
Lower Atlantic (PADD IC)	2.5	2.0	2.0	2.3	2.2	2.6	2.4	2.5	2.8	2.8	2.7	2.4
Midwest (PADD II)	21.5	17.6	13.8	16.4	18.4	20.4	21.8	24.2	25.4	23.2	22.2	19.2
Gulf Coast (PADD III)	24.6	18.6	19.4	23.2	25.8	30.4	33.8	34.8	35.2	32.4	30.6	26.0
2003												
Net Production ¹ U.S.	1063	1068	1061	1080	1063	1046						
East Coast (PADD I)	56	53	54	60	61	62						
New England (PADD IA)	0	0	0	0	0	0						
Central Atlantic (PADD IB)	47	43	43	50	50	53						
Lower Atlantic (PADD IC)	9	11	11	10	10	10						
Midwest (PADD II)	206	203	188	206	208	205						
Gulf Coast (PADD III)	662	681	685	675	657	643						
Imports U.S.	161	176	124	94	119	179						
East Coast (PADD I)	18	57	39	25	30	9						
New England (PADD IA)	6	33	16	15	14	1						
Central Atlantic (PADD IB)	12	12	7	4	3	2						
Lower Atlantic (PADD IC)	0	12	16	5	13	6						
Midwest (PADD II)	134	112	74	48	42	51						
Gulf Coast (PADD III)	0	0	3	19	46	119						
Stocks (Million Barrels)												
U.S.	33.9	22.1	21.6	23.7	33.9	46.0						
East Coast (PADD I)	2.1	1.8	2.2	2.8	4.2	4.3						
New England (PADD IA)	0.1	0.3	0.3	0.4	0.9	0.7						
Central Atlantic (PADD IB)	0.8	0.6	0.8	1.1	1.3	1.4						
Lower Atlantic (PADD IC)	1.2	0.9	1.2	1.2	2.0	2.2						
Midwest (PADD II)	13.2	7.6	6.5	6.4	9.6	13.6						
Gulf Coast (PADD III)	16.9	11.6	12.0	13.1	19.2	26.6						
2003												
	6/27	7/4	7/11	7/18	7/25	8/1	8/8	8/15	8/22	8/29	9/5	9/12
Net Production ¹												
East Coast (PADD I)	64	59	58	57	59	60	61	55	51	53	64	67
New England (PADD IA)	0	0	0	0	0	0	0	0	0	0	0	0
Central Atlantic (PADD IB)	61	59	58	57	59	60	61	55	50	52	62	64
Lower Atlantic (PADD IC)	3	0	0	0	0	0	0	0	1	1	1	3
Midwest (PADD II)	212	217	211	199	215	213	206	205	195	191	224	206
Gulf Coast (PADD III)	678	689	738	704	777	774	697	669	655	694	670	679
Imports												
East Coast (PADD I)	3	3	2	3	3	3	3	3	3	3	32	4
New England (PADD IA)	1	1	1	1	1	1	1	1	1	1	1	1
Central Atlantic (PADD IB)	2	2	1	2	2	2	2	2	2	2	3	3
Lower Atlantic (PADD IC)	0	0	0	0	0	0	0	0	0	0	28	0
Midwest (PADD II)	39	38	36	47	40	38	28	78	49	61	45	86
Gulf Coast (PADD III)	105	197	65	233	94	94	96	95	37	0	41	79
Stocks (Million Barrels)												
U.S.	44.3	46.8	48.7	51.6	53.7	56.2	58.5	60.6	61.6	62.7	63.7	64.8
East Coast (PADD I)	4.4	4.4	4.4	4.5	4.6	4.7	4.6	4.7	4.6	4.4	4.5	4.1
New England (PADD IA)	0.7	0.7	0.7	0.6	0.6	0.5	0.7	0.7	0.6	0.6	0.5	0.5
Central Atlantic (PADD IB)	1.4	1.5	1.5	1.6	1.7	1.8	1.9	1.9	2.0	1.9	2.0	1.9
Lower Atlantic (PADD IC)	2.3	2.3	2.3	2.3	2.3	2.4	2.1	2.1	2.0	1.9	2.0	1.7
Midwest (PADD II)	13.4	14.5	15.3	16.2	17.1	17.1	17.9	18.7	19.1	19.9	21.0	21.2
Gulf Coast (PADD III)	24.4	25.7	26.6	28.5	29.4	31.7	33.2	34.3	34.9	35.4	35.1	36.4
Propylene (Nonfuel use) ²												
PADD I, II, and III	2.6	3.3	3.4	3.3	3.5	3.9	3.7	3.9	3.8	3.6	3.4	3.1

¹ Net production equals gross production minus input. Negative production will occur when the amount of product produced during the month is less than the amount of that same product reprocessed (input) or reclassified to become another product during the same month.

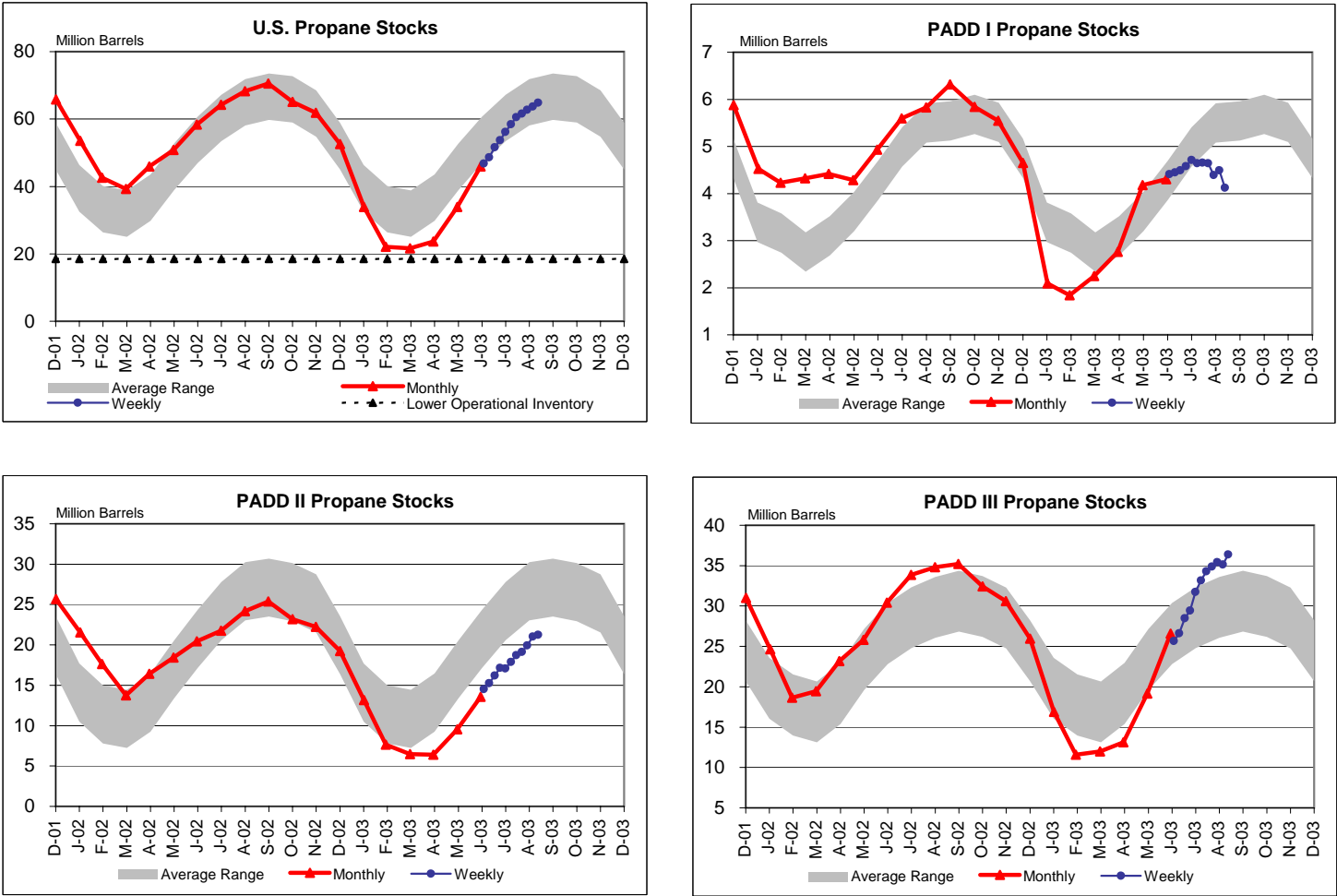
² Collection of weekly Propylene (Nonfuel use) inventory data began with week ending January 10, 2003.

NA=Not Available.

Notes: • This table presents weekly data, derived from a cut-off sample of refineries and fractionators that produce propane and from companies that import or store propane, which have been extrapolated to the universe of companies reporting in PADDs 1, 2, and 3. • Totals may not equal sum of components due to independent rounding. Propylene (Nonfuel use) data collected from bulk terminal facilities in PADDs 1, 2, and 3.

Source: Energy Information Administration (EIA), Monthly Petroleum Supply Reporting System and data collected on Form EIA-807, "Propane Telephone Survey." Magnitudes of revisions to monthly data are published in Appendix C of the Petroleum Supply Monthly.

Figure 7. Stocks of Propane by PAD Districts I, II, and III, December 2001 to Present



Note: The Lower Operational Inventory for propane stocks is 18.5 million barrels. See Appendix A for further explanation.

Figure 8. U.S. Imports of Crude Oil and Petroleum Products, January 2002 to Present

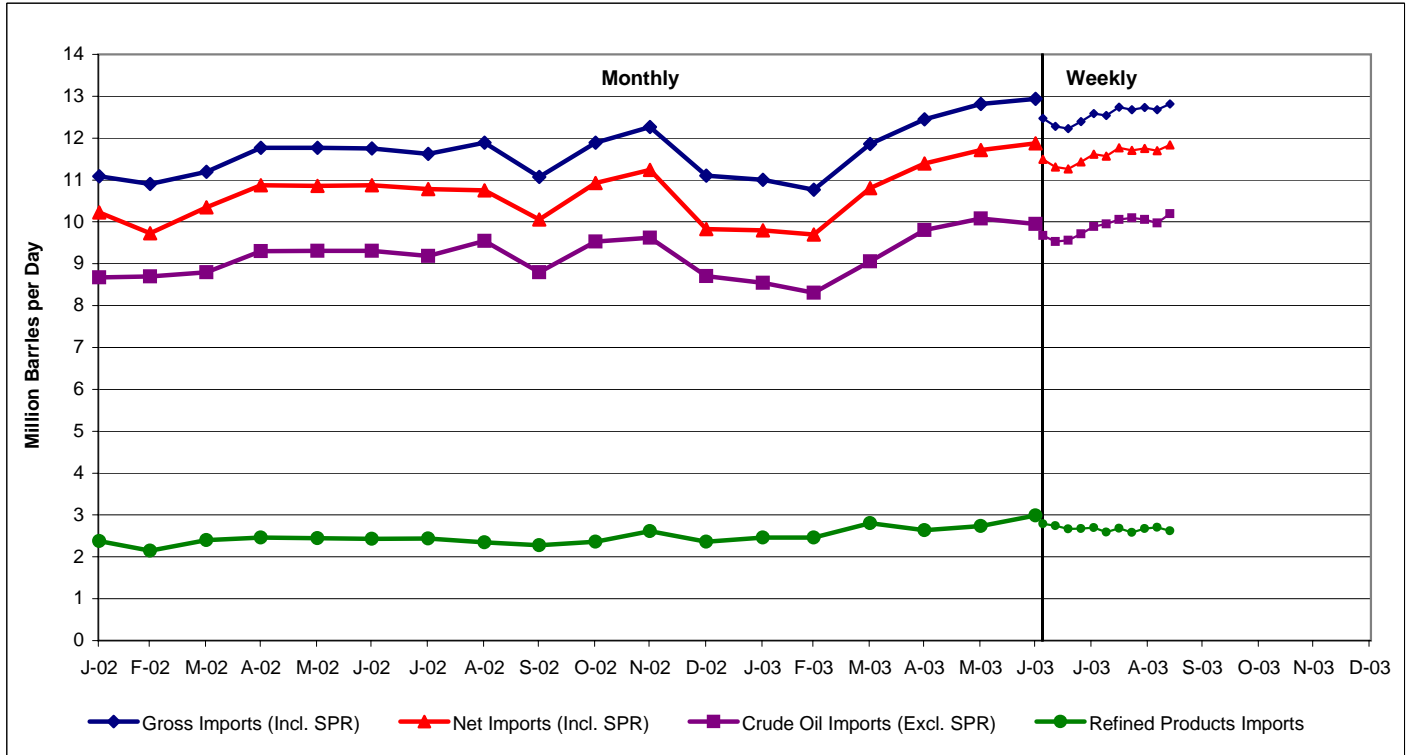


Table 8. U.S. Imports of Crude Oil and Petroleum Products, January 2002 to Present
(Thousand Barrels per Day)

Year/Product	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2002												
Crude Oil (Excl. SPR)	8,675	8,694	8,799	9,301	9,307	9,307	9,184	9,544	8,797	9,532	9,620	8,707
SPR	33	59	0	0	16	17	0	0	0	0	34	34
Refined Products	2,380	2,151	2,399	2,464	2,446	2,429	2,440	2,346	2,278	2,361	2,613	2,359
Gross Imports (Incl. SPR)	11,088	10,904	11,198	11,765	11,769	11,753	11,624	11,890	11,075	11,893	12,268	11,100
Total Exports ¹	861	1,175	853	890	910	880	839	1,138	1,015	962	1,026	1,272
Net Imports (Incl. SPR)	10,228	9,729	10,345	10,876	10,859	10,873	10,785	10,752	10,059	10,931	11,242	9,828
2003												
Crude Oil (Excl. SPR)	8,547	8,303	9,055	9,807	10,078	9,951						
SPR	0	0	0	0	0	0						
Refined Products	2,461	2,460	2,802	2,639	2,736	2,990						
Gross Imports (Incl. SPR)	11,008	10,764	11,857	12,446	12,814	12,941						
Total Exports ¹	1,212	1,067	1,051	1,053	1,097	1,065						
Net Imports (Incl. SPR)	9,796	9,697	10,806	11,394	11,717	11,875						
Average for Four-Week Period Ending:												
2003												
	6/27	7/4	7/11	7/18	7/25	8/1	8/8	8/15	8/22	8/29	9/5	9/12
Crude Oil (Excl. SPR)	9,746	9,675	9,532	9,560	9,714	9,888	9,947	10,054	10,095	10,053	9,972	10,195
SPR	0	0	0	0	0	0	0	0	0	0	0	0
Refined Products	2,823	2,793	2,747	2,668	2,678	2,697	2,590	2,686	2,583	2,676	2,705	2,621
Gross Imports (Incl. SPR)	12,569	12,468	12,279	12,228	12,392	12,585	12,538	12,740	12,678	12,729	12,677	12,816
Total Exports ¹	975	972	968	965	962	967	969	971	974	977	978	976
Net Imports (Incl. SPR)	11,594	11,496	11,311	11,263	11,430	11,618	11,569	11,769	11,704	11,751	11,699	11,840

¹ Includes exports of crude oil and refined petroleum products. Crude oil exports are restricted to (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet, (2) certain domestically produced crude oil destined for Canada, and (3) shipments to U.S. territories.

Notes: Some data are estimates. See Sources for clarification of estimated data. Data may not add to total due to independent rounding.

Source: See page 30.

Figure 9. U.S. Imports of Petroleum Products, January 2002 to Present

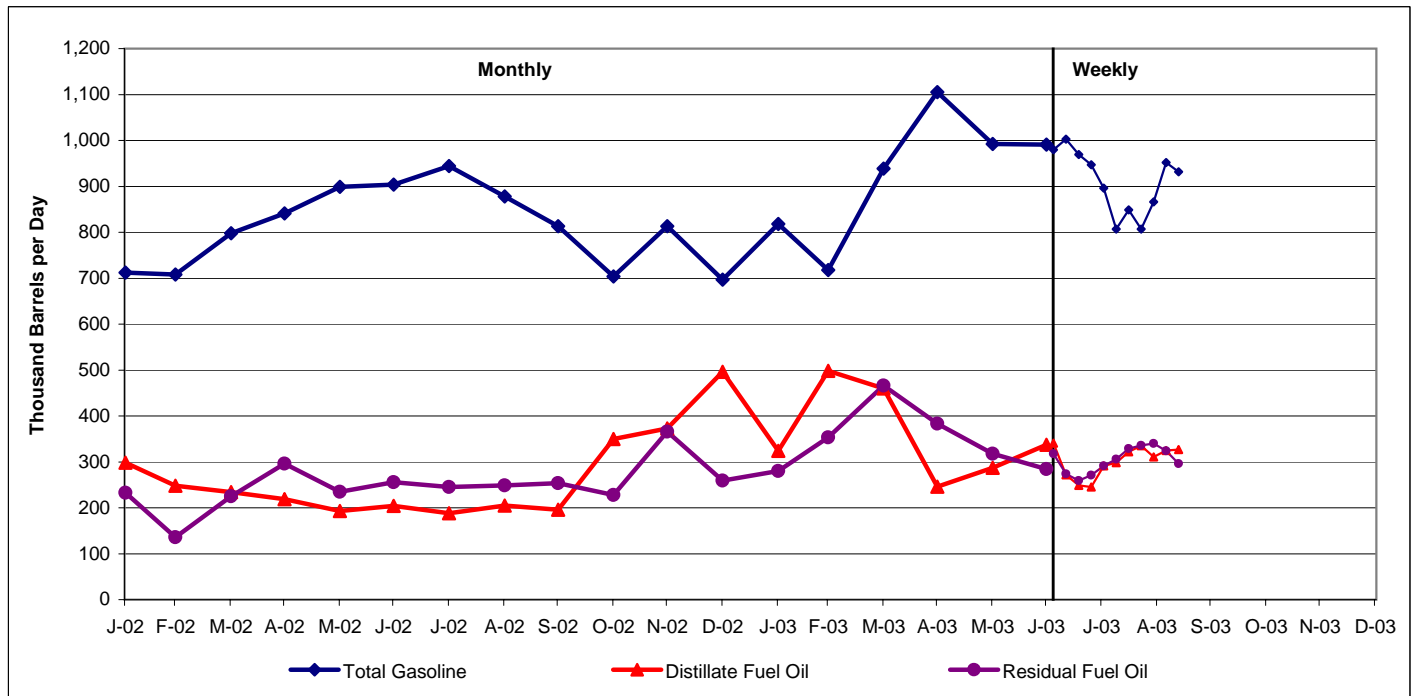


Table 9. U.S. Imports of Petroleum Products by Product, January 2002 to Present
(Thousand Barrels per Day)

Year/Product	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2002												
Total Motor Gasoline	712	708	798	841	899	904	944	878	813	704	813	697
Reformulated	222	212	188	225	176	290	257	247	224	198	284	275
Oxygenated	0	0	0	0	0	0	0	0	0	0	0	0
Conventional	207	230	316	287	304	295	269	292	256	266	264	195
Blending Components	284	266	294	329	419	318	418	340	333	239	265	227
Jet Fuel	99	107	109	137	79	81	92	112	111	171	117	75
Distillate Fuel Oil	298	248	234	219	193	204	188	205	196	350	373	496
0.05% Sulfur and Under	97	94	71	83	96	107	88	91	101	155	162	135
Greater than 0.05% Sulfur	201	154	163	137	97	97	100	113	96	195	211	361
Residual Fuel Oil	233	136	225	296	235	256	245	249	254	228	366	259
Other Petroleum Products ¹	1,037	952	1,033	971	1,039	985	970	902	903	908	944	832
2003												
Total Motor Gasoline	818	718	939	1,105	992	991						
Reformulated	209	169	236	241	241	253						
Oxygenated	0	0	0	0	0	0						
Conventional	265	256	305	438	322	237						
Blending Components	344	293	398	426	429	501						
Jet Fuel	94	109	107	106	121	117						
Distillate Fuel Oil	324	498	460	246	287	337						
0.05% Sulfur and Under	68	92	128	106	152	146						
Greater than 0.05% Sulfur	257	406	332	140	135	191						
Residual Fuel Oil	280	353	466	383	318	284						
Other Petroleum Products ¹	945	782	829	799	1,017	1,260						
Average for Four-Week Period Ending:												
2003												
Total Motor Gasoline	903	980	1,003	969	947	896	807	849	807	866	952	932
Reformulated	263	249	221	238	242	240	241	229	203	221	262	263
Oxygenated	0	0	0	0	0	0	0	0	0	0	0	0
Conventional	245	255	270	255	299	291	265	310	298	329	332	309
Blending Components	395	476	511	477	407	365	301	311	306	316	358	360
Jet Fuel	141	143	172	183	176	172	184	169	140	139	115	116
Distillate Fuel Oil	345	341	272	249	245	291	298	322	335	311	325	327
0.05% Sulfur and Under	89	94	116	136	147	176	168	174	177	172	169	161
Greater than 0.05% Sulfur	256	248	156	113	99	116	130	149	158	139	156	166
Residual Fuel Oil	337	318	274	259	271	291	306	329	336	340	324	296
Other Petroleum Products ¹	1,098	1,012	1,027	1,008	1,039	1,048	997	1,017	966	1,021	989	950

¹ Includes imports of kerosene, unfinished oils, liquefied petroleum gases, and other oils.
Source: See page 30.

Figure 10. U.S. Petroleum Products Supplied, January 2002 to Present

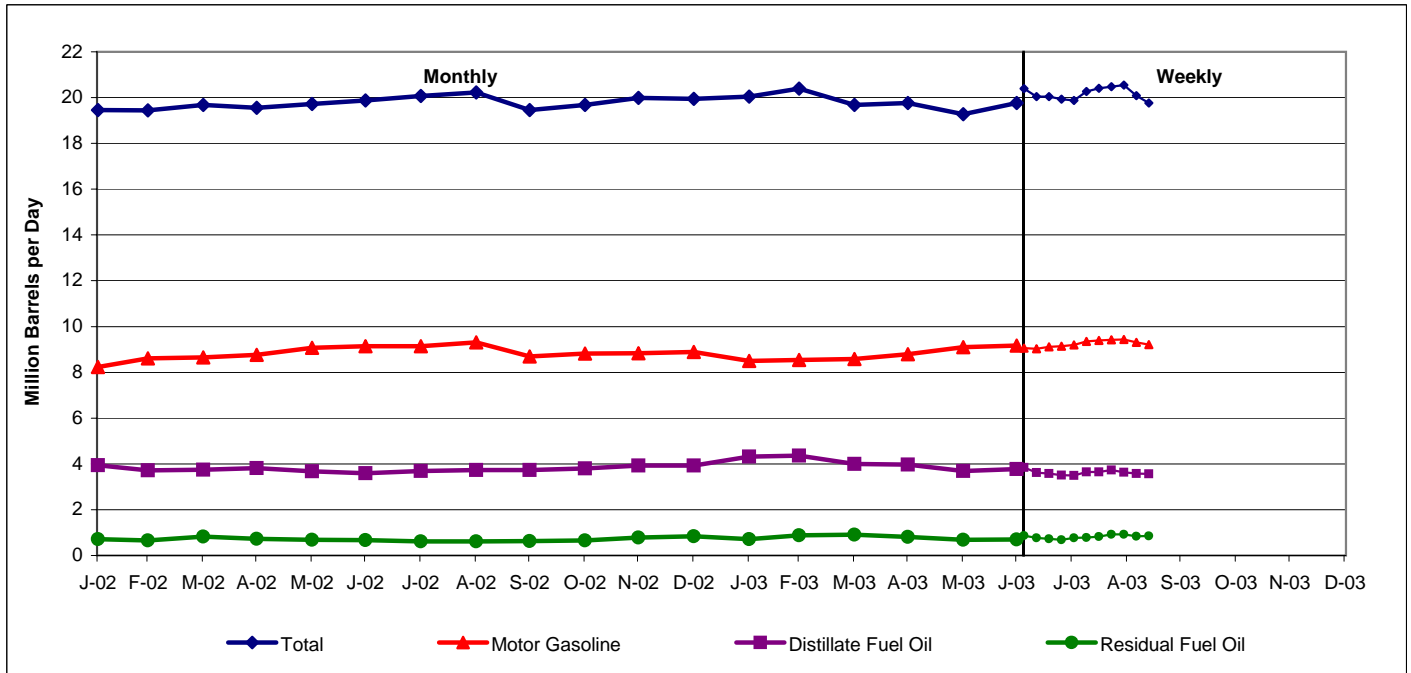


Table 10. U.S. Petroleum Products Supplied, January 2002 to Present
(Thousand Barrels per Day)

Year/Product	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2002												
Finished Motor Gasoline	8,227	8,607	8,655	8,766	9,078	9,140	9,143	9,313	8,687	8,814	8,829	8,893
Jet Fuel	1,587	1,532	1,581	1,658	1,527	1,647	1,680	1,610	1,601	1,614	1,616	1,706
Distillate Fuel Oil	3,940	3,714	3,750	3,821	3,679	3,587	3,683	3,728	3,730	3,808	3,929	3,934
Residual Fuel Oil	710	662	821	730	680	669	614	612	625	650	786	832
Other Oils	4,989	4,928	4,869	4,577	4,763	4,831	4,956	4,959	4,819	4,793	4,832	4,578
Total	19,454	19,444	19,676	19,552	19,728	19,875	20,076	20,221	19,461	19,678	19,991	19,943
2003												
Finished Motor Gasoline	8,504	8,540	8,585	8,785	9,097	9,165						
Jet Fuel	1,525	1,581	1,535	1,514	1,469	1,564						
Distillate Fuel Oil	4,325	4,359	4,000	3,972	3,692	3,775						
Residual Fuel Oil	710	877	912	809	690	694						
Other Oils	4,979	5,039	4,650	4,689	4,329	4,568						
Total	20,042	20,396	19,682	19,770	19,277	19,767						
Average for Four-Week Period Ending:												
2003												
	6/27	7/4	7/11	7/18	7/25	8/1	8/8	8/15	8/22	8/29	9/5	9/12
Finished Motor Gasoline	8,930	9,060	9,031	9,117	9,138	9,202	9,356	9,393	9,419	9,428	9,304	9,216
Jet Fuel	1,540	1,552	1,585	1,593	1,653	1,659	1,686	1,650	1,629	1,657	1,560	1,577
Distillate Fuel Oil	3,757	3,840	3,625	3,577	3,509	3,493	3,651	3,651	3,731	3,638	3,579	3,561
Residual Fuel Oil	934	872	769	733	688	769	778	819	919	921	842	849
Other Oils	5,138	5,068	5,031	5,024	4,945	4,757	4,797	4,889	4,778	4,904	4,802	4,556
Total	20,298	20,392	20,040	20,044	19,935	19,879	20,268	20,401	20,476	20,548	20,087	19,760

Note: Data may not add to total due to independent rounding.
Source: See page 30.

Table 11. U.S. and PAD District Weekly Estimates, Most Recent 4 Weeks

(Thousand Barrels per Day Except Where Noted)

	08/22/03	08/29/03	09/05/03	09/12/03
Crude Oil Production				
Domestic Production	5,736	5,723	5,727	5,703
Domestic Production 4-wk. Avg.	5,743	5,739	5,734	5,722
Refinery Inputs and Utilization				
Crude Oil Inputs	15,461	15,705	15,754	15,774
East Coast (PADD I)	1,687	1,594	1,619	1,677
Midwest (PADD II)	3,178	3,353	3,349	3,205
Gulf Coast (PADD III)	7,336	7,469	7,545	7,549
Rocky Mountain (PADD IV)	562	576	571	568
West Coast (PADD V)	2,698	2,713	2,670	2,775
Crude Oil Inputs 4-wk. Avg.	15,502	15,588	15,654	15,674
East Coast (PADD I) 4-wk. Avg.	1,620	1,616	1,623	1,644
Midwest (PADD II) 4-wk. Avg.	3,218	3,265	3,306	3,271
Gulf Coast (PADD III) 4-wk. Avg.	7,414	7,442	7,461	7,475
Rocky Mountain (PADD IV) 4-wk. Avg.	564	565	569	569
West Coast (PADD V) 4-wk. Avg.	2,687	2,701	2,695	2,714
Gross Inputs	15,600	15,861	15,875	15,881
East Coast (PADD I)	1,685	1,603	1,622	1,676
Midwest (PADD II)	3,206	3,383	3,366	3,244
Gulf Coast (PADD III)	7,352	7,478	7,539	7,508
Rocky Mountain (PADD IV)	568	580	568	570
West Coast (PADD V)	2,789	2,817	2,780	2,883
Gross Inputs 4-wk. Avg.	15,584	15,697	15,771	15,804
East Coast (PADD I) 4-wk. Avg.	1,595	1,600	1,617	1,647
Midwest (PADD II) 4-wk. Avg.	3,242	3,294	3,332	3,300
Gulf Coast (PADD III) 4-wk. Avg.	7,406	7,443	7,460	7,469
Rocky Mountain (PADD IV) 4-wk. Avg.	565	569	571	572
West Coast (PADD V) 4-wk. Avg.	2,776	2,793	2,793	2,817
Operable Capacity	16,757	16,757	16,757	16,757
Operable Capacity 4-wk. Avg.	16,757	16,757	16,757	16,757
Percent Utilization	93.1	94.7	94.7	94.8
Percent Utilization 4-wk. Avg.	93.0	93.7	94.1	94.3
Production by Product				
Finished Motor Gasoline	8,665	8,846	8,636	8,646
East Coast (PADD I)	1,189	1,271	1,148	1,156
Midwest (PADD II)	1,935	2,041	1,881	1,939
Gulf Coast (PADD III)	3,743	3,805	3,910	3,888
Rocky Mountain (PADD IV)	282	306	299	285
West Coast (PADD V)	1,516	1,422	1,397	1,377
Finished Motor Gasoline 4-wk. Avg.	8,743	8,777	8,756	8,698
East Coast (PADD I) 4-wk. Avg.	1,174	1,198	1,196	1,191
Midwest (PADD II) 4-wk. Avg.	2,003	2,016	1,993	1,949
Gulf Coast (PADD III) 4-wk. Avg.	3,799	3,788	3,822	3,837
Rocky Mountain (PADD IV) 4-wk. Avg.	282	285	291	293
West Coast (PADD V) 4-wk. Avg.	1,486	1,490	1,454	1,428
Reformulated	2,665	2,754	2,751	2,574
East Coast (PADD I)	581	716	683	638
Midwest (PADD II)	350	359	311	317
Gulf Coast (PADD III)	736	651	742	582
Rocky Mountain (PADD IV)	0	0	0	0
West Coast (PADD V)	998	1,028	1,015	1,037
Reformulated 4-wk. Avg.	2,742	2,739	2,748	2,686
East Coast (PADD I) 4-wk. Avg.	666	656	658	655
Midwest (PADD II) 4-wk. Avg.	341	351	344	334
Gulf Coast (PADD III) 4-wk. Avg.	711	698	719	678
Rocky Mountain (PADD IV) 4-wk. Avg.	0	0	0	0
West Coast (PADD V) 4-wk. Avg.	1,025	1,034	1,027	1,020
Oxygenated	996	985	948	995
East Coast (PADD I)	71	73	67	67
Midwest (PADD II)	758	749	721	769
Gulf Coast (PADD III)	18	18	18	18
Rocky Mountain (PADD IV)	49	45	45	45
West Coast (PADD V)	100	100	97	96

See footnotes at end of table.

Table 11. U.S. and PAD District Weekly Estimates, Most Recent 4 Weeks (continued)

(Thousand Barrels per Day Except Where Noted)

	08/22/03	08/29/03	09/05/03	09/12/03
Production by Product				
Oxygenated 4-wk. Avg.	1,003	1,005	988	981
East Coast (PADD I) 4-wk. Avg.	69	71	70	70
Midwest (PADD II) 4-wk. Avg.	767	768	754	749
Gulf Coast (PADD III) 4-wk. Avg.	18	18	18	18
Rocky Mountain (PADD IV) 4-wk. Avg.	49	48	47	46
West Coast (PADD V) 4-wk. Avg.	100	101	99	98
Conventional	5,004	5,107	4,937	5,077
East Coast (PADD I)	537	482	398	451
Midwest (PADD II)	827	933	849	853
Gulf Coast (PADD III)	2,989	3,136	3,150	3,288
Rocky Mountain (PADD IV)	233	261	254	240
West Coast (PADD V)	418	294	285	244
Conventional 4-wk. Avg.	4,998	5,033	5,021	5,031
East Coast (PADD I) 4-wk. Avg.	439	471	468	467
Midwest (PADD II) 4-wk. Avg.	895	898	895	866
Gulf Coast (PADD III) 4-wk. Avg.	3,070	3,072	3,085	3,141
Rocky Mountain (PADD IV) 4-wk. Avg.	233	237	244	247
West Coast (PADD V) 4-wk. Avg.	361	355	328	310
Jet Fuel	1,530	1,547	1,571	1,543
Jet Fuel 4-wk. Avg.	1,529	1,538	1,557	1,548
Naphtha-Type	0	0	1	0
Naphtha-Type 4-wk. Avg.	0	0	0	0
Kerosene-Type	1,530	1,547	1,570	1,543
East Coast (PADD I)	96	81	91	98
Midwest (PADD II)	214	219	207	205
Gulf Coast (PADD III)	731	776	808	773
Rocky Mountain (PADD IV)	28	29	30	35
West Coast (PADD V)	461	442	434	432
Kerosene-Type 4-wk. Avg.	1,529	1,538	1,557	1,548
East Coast (PADD I) 4-wk. Avg.	86	85	88	92
Midwest (PADD II) 4-wk. Avg.	206	208	213	211
Gulf Coast (PADD III) 4-wk. Avg.	769	773	780	772
Rocky Mountain (PADD IV) 4-wk. Avg.	27	28	29	31
West Coast (PADD V) 4-wk. Avg.	441	445	447	442
Commercial	1,347	1,332	1,340	1,343
East Coast (PADD I)	96	81	91	98
Midwest (PADD II)	202	201	191	185
Gulf Coast (PADD III)	648	640	657	638
Rocky Mountain (PADD IV)	20	23	26	29
West Coast (PADD V)	381	387	375	393
Commercial 4-wk. Avg.	1,351	1,342	1,357	1,341
East Coast (PADD I) 4-wk. Avg.	86	85	88	92
Midwest (PADD II) 4-wk. Avg.	193	192	197	195
Gulf Coast (PADD III) 4-wk. Avg.	661	656	656	646
Rocky Mountain (PADD IV) 4-wk. Avg.	21	21	24	25
West Coast (PADD V) 4-wk. Avg.	390	388	392	384
Military	183	215	230	200
East Coast (PADD I)	0	0	0	0
Midwest (PADD II)	12	18	16	20
Gulf Coast (PADD III)	83	136	151	135
Rocky Mountain (PADD IV)	8	6	4	6
West Coast (PADD V)	80	55	59	39
Military 4-wk. Avg.	179	196	200	207
East Coast (PADD I) 4-wk. Avg.	0	0	0	0
Midwest (PADD II) 4-wk. Avg.	14	16	15	17
Gulf Coast (PADD III) 4-wk. Avg.	108	117	125	126
Rocky Mountain (PADD IV) 4-wk. Avg.	6	7	6	6
West Coast (PADD V) 4-wk. Avg.	51	57	55	58
Distillate Fuel Oil	3,734	3,663	3,779	3,786
East Coast (PADD I)	454	359	480	473
Midwest (PADD II)	801	851	835	796
Gulf Coast (PADD III)	1,732	1,719	1,798	1,803
Rocky Mountain (PADD IV)	171	173	170	174
West Coast (PADD V)	576	561	496	540

See footnotes at end of table.

Table 11. U.S. and PAD District Weekly Estimates, Most Recent 4 Weeks (continued)

(Thousand Barrels per Day Except Where Noted)

	08/22/03	08/29/03	09/05/03	09/12/03
Production by Product				
Distillate Fuel Oil 4-wk. Avg.	3,698	3,674	3,699	3,741
East Coast (PADD I) 4-wk. Avg.	462	430	424	442
Midwest (PADD II) 4-wk. Avg.	792	808	826	821
Gulf Coast (PADD III) 4-wk. Avg.	1,709	1,717	1,738	1,763
Rocky Mountain (PADD IV) 4-wk. Avg.	175	171	170	172
West Coast (PADD V) 4-wk. Avg.	561	549	542	543
0.05% Sulfur and under	2,756	2,697	2,831	2,754
East Coast (PADD I)	273	185	261	272
Midwest (PADD II)	648	661	670	611
Gulf Coast (PADD III)	1,253	1,266	1,338	1,303
Rocky Mountain (PADD IV)	139	142	145	148
West Coast (PADD V)	443	443	417	420
0.05% Sulfur and under 4-wk. Avg.	2,741	2,709	2,747	2,760
East Coast (PADD I) 4-wk. Avg.	260	234	227	248
Midwest (PADD II) 4-wk. Avg.	644	645	666	648
Gulf Coast (PADD III) 4-wk. Avg.	1,247	1,255	1,279	1,290
Rocky Mountain (PADD IV) 4-wk. Avg.	143	141	142	144
West Coast (PADD V) 4-wk. Avg.	447	435	432	431
Greater than 0.05% Sulfur	978	966	948	1,032
East Coast (PADD I)	181	174	219	201
Midwest (PADD II)	153	190	165	185
Gulf Coast (PADD III)	479	453	460	500
Rocky Mountain (PADD IV)	32	31	25	26
West Coast (PADD V)	133	118	79	120
Greater than 0.05% Sulfur 4-wk. Avg.	958	965	953	981
East Coast (PADD I) 4-wk. Avg.	202	196	197	194
Midwest (PADD II) 4-wk. Avg.	149	163	160	173
Gulf Coast (PADD III) 4-wk. Avg.	462	462	459	473
Rocky Mountain (PADD IV) 4-wk. Avg.	32	29	28	29
West Coast (PADD V) 4-wk. Avg.	113	114	110	113
Residual Fuel Oil	659	588	687	672
East Coast (PADD I)	127	140	119	135
Midwest (PADD II)	68	64	57	46
Gulf Coast (PADD III)	290	249	369	309
Rocky Mountain (PADD IV)	15	11	12	14
West Coast (PADD V)	159	124	130	168
Residual Fuel Oil 4-wk. Avg.	647	645	654	652
East Coast (PADD I) 4-wk. Avg.	132	138	133	130
Midwest (PADD II) 4-wk. Avg.	59	60	64	59
Gulf Coast (PADD III) 4-wk. Avg.	302	293	305	304
Rocky Mountain (PADD IV) 4-wk. Avg.	12	12	12	13
West Coast (PADD V) 4-wk. Avg.	142	142	141	145
Stocks (Million Barrels)				
Crude Oil	278.6	280.4	276.2	279.3
East Coast (PADD I)	14.4	16.7	15.0	15.6
Midwest (PADD II)	55.8	55.2	55.5	57.4
Gulf Coast (PADD III)	145.7	143.8	142.4	144.8
Rocky Mountain (PADD IV)	11.9	11.6	11.7	11.5
West Coast (PADD V)	50.8	53.1	51.5	50.0
SPR ¹	615.9	617.0	618.5	620.2
Total Motor Gasoline	191.2	191.9	192.6	195.3
East Coast (PADD I)	49.5	49.5	50.6	51.2
New England (PADD IA)	3.6	3.7	3.5	3.8
Central Atlantic (PADD IB)	22.8	22.0	23.4	24.9
Lower Atlantic (PADD IC)	23.1	23.8	23.7	22.4
Midwest (PADD II)	50.3	49.6	50.9	50.3
Gulf Coast (PADD III)	59.1	59.8	57.8	59.2
Rocky Mountain (PADD IV)	5.2	5.5	5.6	5.9
West Coast (PADD V)	27.2	27.5	27.8	28.7
Finished Motor Gasoline	142.5	142.9	144.3	144.8
Reformulated	32.3	30.9	31.9	32.5
East Coast (PADD I)	15.7	15.6	14.7	16.3
Midwest (PADD II)	0.9	0.8	1.0	1.1
Gulf Coast (PADD III)	9.2	8.2	9.2	8.3
Rocky Mountain (PADD IV)	0.0	0.0	0.0	0.0
West Coast (PADD V)	6.6	6.2	6.9	6.8

See footnotes at end of table.

Table 11. U.S. and PAD District Weekly Estimates, Most Recent 4 Weeks (continued)

(Thousand Barrels per Day Except Where Noted)

	08/22/03	08/29/03	09/05/03	09/12/03
Stocks (Million Barrels)				
Oxygenated	0.4	0.4	0.4	0.4
East Coast (PADD I)	0.1	0.0	0.0	0.0
Midwest (PADD II)	0.2	0.2	0.2	0.3
Gulf Coast (PADD III)	0.0	0.0	0.0	0.0
Rocky Mountain (PADD IV)	0.0	0.0	0.0	0.0
West Coast (PADD V)	0.1	0.1	0.1	0.1
Conventional	109.8	111.6	112.0	111.9
East Coast (PADD I)	28.3	28.1	29.8	27.6
Midwest (PADD II)	36.4	36.1	36.8	36.7
Gulf Coast (PADD III)	33.4	34.6	32.3	33.8
Rocky Mountain (PADD IV)	3.9	4.3	4.4	4.6
West Coast (PADD V)	7.8	8.5	8.6	9.2
Blending Components	48.7	49.0	48.3	50.6
Jet Fuel	38.2	38.2	40.1	40.3
Naphtha-Type	0.0	0.0	0.0	0.0
Kerosene-Type	38.2	38.2	40.1	40.3
East Coast (PADD I)	10.7	10.0	11.1	10.9
Midwest (PADD II)	6.7	6.8	6.9	7.1
Gulf Coast (PADD III)	12.6	13.4	13.3	13.2
Rocky Mountain (PADD IV)	0.7	0.9	0.8	0.8
West Coast (PADD V)	7.5	7.2	8.0	8.2
Distillate Fuel Oil	121.8	124.7	128.4	131.3
East Coast (PADD I)	48.8	49.6	49.8	53.0
New England (PADD IA)	8.0	7.7	7.0	8.0
Central Atlantic (PADD IB)	27.3	28.6	29.9	31.2
Lower Atlantic (PADD IC)	13.5	13.3	12.9	13.8
Midwest (PADD II)	28.5	30.0	31.1	30.9
Gulf Coast (PADD III)	31.0	30.5	32.3	31.6
Rocky Mountain (PADD IV)	2.6	2.6	2.9	3.1
West Coast (PADD V)	10.9	12.1	12.4	12.7
0.05% Sulfur and under	74.9	76.4	78.6	79.3
East Coast (PADD I)	20.9	20.3	20.3	21.0
New England (PADD IA)	2.5	2.5	2.2	2.3
Central Atlantic (PADD IB)	8.8	9.8	9.4	9.8
Lower Atlantic (PADD IC)	9.6	8.0	8.6	8.9
Midwest (PADD II)	21.3	22.8	23.3	23.0
Gulf Coast (PADD III)	21.7	21.7	22.9	22.6
Rocky Mountain (PADD IV)	2.2	2.2	2.4	2.6
West Coast (PADD V)	8.7	9.5	9.8	10.0
Greater than 0.05% Sulfur	46.9	48.4	49.8	52.0
East Coast (PADD I)	27.9	29.3	29.6	32.0
New England (PADD IA)	5.4	5.2	4.8	5.7
Central Atlantic (PADD IB)	18.5	18.8	20.4	21.5
Lower Atlantic (PADD IC)	4.0	5.4	4.3	4.9
Midwest (PADD II)	7.1	7.3	7.8	7.9
Gulf Coast (PADD III)	9.3	8.8	9.4	9.0
Rocky Mountain (PADD IV)	0.4	0.4	0.4	0.5
West Coast (PADD V)	2.2	2.6	2.6	2.7
Residual Fuel Oil	32.2	30.7	32.9	32.2
East Coast (PADD I)	12.8	11.4	12.2	11.5
New England (PADD IA)	1.0	1.0	0.8	0.7
Central Atlantic (PADD IB)	8.4	7.3	8.2	7.9
Lower Atlantic (PADD IC)	3.5	3.1	3.3	2.9
Midwest (PADD II)	1.8	1.7	1.8	1.6
Gulf Coast (PADD III)	12.0	11.9	13.3	13.0
Rocky Mountain (PADD IV)	0.3	0.3	0.3	0.4
West Coast (PADD V)	5.3	5.5	5.3	5.8
Unfinished Oils	86.8	85.2	83.5	83.5
Other Oils	180.8	183.9	185.9	188.4
Total Stocks Excl SPR ²	929.7	935.0	939.6	950.4
Total Stocks Incl SPR ²	1,545.6	1,551.9	1,558.0	1,570.6
Imports				
Total Crude Oil Incl SPR	10,246	10,126	9,648	10,759
Total Crude Oil Incl SPR 4-wk. Avg.	10,095	10,053	9,972	10,195
Crude Oil Excl SPR	10,246	10,126	9,648	10,759
East Coast (PADD I)	1,630	1,781	1,320	1,790
Midwest (PADD II)	879	917	1,067	1,145
Gulf Coast (PADD III)	6,379	6,233	6,151	6,441
Rocky Mountain (PADD IV)	306	316	316	286
West Coast (PADD V)	1,052	879	794	1,097

See footnotes at end of table.

Table 11. U.S. and PAD District Weekly Estimates, Most Recent 4 Weeks (continued)

(Thousand Barrels per Day Except Where Noted)

	08/22/03	08/29/03	09/05/03	09/12/03
Imports				
Crude Oil Excl SPR 4-wk. Avg.	10,095	10,053	9,972	10,195
East Coast (PADD I) 4-wk. Avg.	1,814	1,815	1,676	1,630
Midwest (PADD II) 4-wk. Avg.	939	904	951	1,002
Gulf Coast (PADD III) 4-wk. Avg.	6,149	6,163	6,178	6,301
Rocky Mountain (PADD IV) 4-wk. Avg.	292	301	304	306
West Coast (PADD V) 4-wk. Avg.	902	870	864	956
SPR	0	0	0	0
SPR 4-wk. Avg.	0	0	0	0
Total Motor Gasoline	811	1,166	921	830
Reformulated	169	267	369	248
Oxygenated	0	0	0	0
Other Finished	351	415	192	276
Blending Components	291	484	360	306
Total Motor Gasoline 4-wk. Avg.	807	866	952	932
Reformulated 4-wk. Avg.	203	221	262	263
Oxygenated 4-wk. Avg.	0	0	0	0
Other Finished 4-wk. Avg.	298	329	332	309
Blending Components 4-wk. Avg.	306	316	358	360
Jet Fuel	68	153	122	122
Naphtha-Type	0	0	0	0
Kerosene-Type	68	153	122	122
Jet Fuel 4-wk. Avg.	140	139	115	116
Naphtha-Type 4-wk. Avg.	0	0	0	0
Kerosene-Type 4-wk. Avg.	140	139	115	116
Distillate Fuel Oil	244	400	313	352
0.05% Sulfur and under	135	254	108	148
Greater than 0.05% Sulfur	109	146	205	204
Distillate Fuel Oil 4-wk. Avg.	335	311	325	327
0.05% Sulfur and under 4-wk. Avg.	177	172	169	161
Greater than 0.05% Sulfur 4-wk. Avg.	158	139	156	166
Residual Fuel Oil	387	350	254	192
Residual Fuel Oil 4-wk. Avg.	336	340	324	296
Other	910	1,031	779	1,079
Other 4-wk. Avg.	966	1,021	989	950
Total Product Imports	2,420	3,100	2,389	2,575
Total Product Imports 4-wk. Avg.	2,583	2,676	2,705	2,621
Gross Imports (Incl SPR)	12,666	13,226	12,037	13,334
Gross Imports (Incl SPR) 4-wk. Avg.	12,678	12,729	12,677	12,816
Net Imports (Incl SPR)	11,695	12,230	11,063	12,372
Net Imports (Incl SPR) 4-wk. Avg.	11,704	11,751	11,699	11,840
Exports				
Total	971	996	974	962
Total 4-wk. Avg.	974	977	978	976
Crude Oil	10	22	22	10
Crude Oil 4-wk. Avg.	10	13	16	16
Products	961	974	952	952
Products 4-wk. Avg.	964	964	962	960
Product Supplied				
Finished Motor Gasoline	9,668	9,337	8,886	8,974
Finished Motor Gasoline 4-wk. Avg.	9,419	9,428	9,304	9,216
Jet Fuel	1,615	1,678	1,404	1,612
Naphtha-Type	0	0	0	0
Kerosene-Type	1,615	1,678	1,404	1,612
Jet Fuel 4-wk. Avg.	1,629	1,657	1,560	1,577
Naphtha-Type 4-wk. Avg.	0	0	0	0
Kerosene-Type 4-wk. Avg.	1,629	1,657	1,560	1,577
Distillate Fuel Oil	3,739	3,503	3,427	3,576
Distillate Fuel Oil 4-wk. Avg.	3,731	3,638	3,579	3,561
Residual Fuel Oil	1,168	979	453	794
Residual Fuel Oil 4-wk. Avg.	919	921	842	849
Other Oils	4,400	4,793	4,721	4,310
Other Oils 4-wk. Avg.	4,778	4,904	4,802	4,556
Total Product Supplied	20,590	20,291	18,892	19,265
Total Product Supplied 4-wk. Avg.	20,476	20,548	20,087	19,760

¹ Crude oil stocks in the SPR include non-U.S. stocks held under foreign or commercial storage agreements.² Distillate fuel oil stocks located in the "Northeast Heating Oil Reserve" are not included.

Notes: Some data are estimated. See Sources for clarification of estimated data. Due to independent rounding, individual product detail may not add to total.

Source: See page 30.

Table 12. U.S. Petroleum Balance Sheet, Week Ending 09/12/2003

Petroleum Supply (Thousand Barrels per Day)	Week Ending			Cumulative Daily Averages 254 Days		
	09/12/03	09/05/03	Difference	2003	2002	Difference
Crude Oil Production						
(1) Domestic Production ¹	5,703	5,727	-24	5,805	5,840	-35.0
(2) Net Imports (Including SPR) ²	10,749	9,626	1,123	9,486	9,095	391.0
(3) Gross Imports (Excluding SPR)	10,759	9,648	1,111	9,501	9,091	410.0
(4) SPR Imports	0	0	0	0	14	-14.0
(5) Exports	10	22	-12	15	11	4.0
(6) SPR Stocks Withdrawn (+) or Added (-)	-253	-209	-44	-85	-133	48.0
(7) Other Stocks Withdrawn (+) or Added (-)	-450	604	-1,054	-11	99	-110.0
(8) Product Supplied and Losses	0	0	0	0	0	0.0
(9) Unaccounted-for Crude Oil ³	25	6	19	69	111	-42.0
(10) Crude Oil Input to Refineries	15,774	15,754	20	15,264	15,013	251.0
Other Supply						
(11) Natural Gas Liquids Production ⁴	2,005	2,005	0	2,032	2,197	-165.0
(12) Other Liquids New Supply	-27	-27	0	114	107	7.0
(13) Crude Oil Product Supplied	0	0	0	0	0	0.0
(14) Processing Gain	986	985	1	942	955	-13.0
(15) Net Product Imports ⁵	1,623	1,437	186	1,631	1,446	185.0
(16) Gross Product Imports ⁵	2,575	2,389	186	2,673	2,380	293.0
(17) Product Exports ⁵	952	952	0	1,042	933	109.0
(18) Product Stocks Withdrawn (+) or Added (-) ^{6,7}	-1,096	-1,261	165	-93	27	-120.0
(19) Total Product Supplied for Domestic Use	19,265	18,892	373	19,889	19,745	144.0
Products Supplied						
(20) Finished Motor Gasoline ⁴	8,974	8,886	88	8,910	8,861	49.0
(21) Naphtha-Type Jet Fuel	0	0	0	-4	-5	1.0
(22) Kerosene-Type Jet Fuel	1,612	1,404	208	1,561	1,608	-47.0
(23) Distillate Fuel Oil	3,576	3,427	149	3,888	3,738	150.0
(24) Residual Fuel Oil	794	453	341	785	685	100.0
(25) Other Oils ⁸	4,310	4,721	-411	4,749	4,858	-109.0
(26) Total Products Supplied	19,265	18,892	373	19,889	19,745	144.0
Total Net Imports	12,372	11,063	1,309	11,117	10,541	576.0
Petroleum Stocks						
(Million Barrels)	09/12/03	09/05/03	09/12/02	Difference From		
				Previous Week	Year Ago	
Crude Oil (Excluding SPR) ⁹	279.3	276.2	286.8	3.1	-7.5	
Total Motor Gasoline	195.3	192.6	204.9	2.7	-9.6	
Reformulated	32.5	31.9	40.3	0.6	-7.8	
Oxygenated	0.4	0.4	0.4	0.0	0.0	
Conventional	111.9	112.0	116.6	-0.1	-4.7	
Blending Components	50.6	48.3	47.5	2.3	3.1	
Naphtha-Type Jet Fuel	0.0	0.0	0.0	0.0	0.0	
Kerosene-Type Jet Fuel	40.3	40.1	39.8	0.2	0.5	
Distillate Fuel Oil ⁷	131.3	128.4	129.2	2.9	2.1	
0.05% Sulfur and under	79.3	78.6	70.0	0.7	9.3	
Greater than 0.05% Sulfur	52.0	49.8	59.2	2.2	-7.2	
Residual Fuel Oil	32.2	32.9	32.3	-0.7	-0.1	
Unfinished Oils	83.5	83.5	85.2	0.0	-1.7	
Other Oils ¹⁰	188.4	185.9	225.8	2.5	-37.4	
Total Stocks (Excluding SPR) ⁷	950.4	939.6	1,004.1	10.8	-53.7	
Crude Oil in SPR ¹¹	620.2	618.5	584.1	1.7	36.1	
Total Stocks (Including SPR) ⁷	1,570.6	1,558.0	1,588.2	12.6	-17.6	

¹ Includes lease condensate.

² Net Imports = Gross Imports (line 3) + Strategic Petroleum Reserve (SPR) Imports (line 4) - Exports (line 5).

³ Unaccounted-for Crude Oil is a balancing item. See Glossary for further explanation.

⁴ Includes field production of fuel ethanol and an adjustment for motor gasoline blending components.

⁵ Includes finished petroleum products, unfinished oils, gasoline blending components, and natural gas plant liquids.

⁶ Includes an estimate of minor product stock change based on monthly data.

⁷ Distillate fuel oil stocks located in the "Northeast Heating Oil Reserve" are not included. For details see Appendix B.

⁸ Includes crude oil product supplied, natural gas liquids, liquefied refinery gases (LRGs), other liquids, and all finished petroleum products except motor gasoline, jet fuels, distillate, and residual fuel oils.

⁹ Includes domestic and Customs-cleared foreign crude oil in transit to refineries.

¹⁰ Included are stocks of all other oils such as aviation gasoline, kerosene, natural gas liquids and LRGs, other hydrocarbons and oxygenates, aviation gasoline blending components, naphtha and other oils for petrochemical feedstock use, special naphthas, lube oils, waxes, coke, asphalt, road oil, and miscellaneous oils.

¹¹ Crude oil stocks in the SPR include non-U.S. stocks held under foreign or commercial storage agreements.

Notes: Some data are estimated. See Sources for clarification of estimated data. Due to independent rounding, individual product detail may not add to total.

Sources: See page 30.

Table 13. World Crude Oil Prices¹ 09/12/2003
(Dollars per Barrel)

Country	Type of Crude/API Gravity ²	In Effect							
		9/12/2003	9/5/2003	1/3/2003	1/4/2002	1/5/2001	1/7/2000	1/1/1999	1/6/1978
OPEC									
Saudi Arabia	Arabian Light 34°	25.18	26.31	27.39	18.90	20.90	23.45	10.03	12.70
Saudi Arabia	Arabian Medium 31°	24.63	25.76	26.44	18.55	20.30	22.85	9.63	12.32
Saudi Arabia	Arabian Heavy 27°	24.18	25.31	25.69	18.15	19.40	22.10	9.28	12.02
Abu Dhabi	Murban 39°	26.76	28.03	28.37	19.87	22.60	23.94	10.50	13.26
Dubai	Fateh 32°	25.57	26.84	27.28	18.63	21.25	22.20	10.20	12.64
Qatar	Dukhan 40°	26.43	27.57	28.03	19.40	22.05	23.61	10.50	13.19
Iran	Iranian Light 34°	26.70	27.76	27.85	18.90	21.15	23.55	9.83	13.45
Iran	Iranian Heavy 30°	26.22	27.38	27.08	18.56	20.40	23.05	9.58	12.49
Iraq ³	Kirkuk 36°	25.14	26.80	27.93	19.08	23.67	21.75	NA	13.17
Kuwait	Kuwait 31°	25.68	26.92	27.30	18.25	20.20	22.90	9.38	12.22
Neutral Zone	Khafji 28°	25.18	26.31	27.39	18.90	20.90	23.45	10.03	12.03
Algeria	Saharan Blend 44°	27.33	28.59	31.69	19.67	24.05	24.28	10.78	14.10
Nigeria	Bonny Light 37°	27.52	28.73	31.16	19.88	23.35	23.85	10.60	15.12
Nigeria	Forcados 31°	27.44	28.68	31.13	19.81	23.35	23.85	10.40	13.70
Libya	Es Sider 37°	26.79	28.01	30.40	19.63	23.75	23.25	10.65	13.68
Indonesia	Minas 34°	26.66	28.16	35.03	18.89	23.05	23.25	9.95	13.55
Venezuela	Tia Juana Light 31°	26.61	27.55	30.25	17.78	23.57	23.42	9.45	13.54
Venezuela	Bachaquero 24°	NA	NA	NA	NA	NA	NA	NA	12.39
Venezuela	Bachaquero 17°	NA	NA	NA	NA	NA	NA	NA	11.38
Gabon ⁶	Mandji 30°	NA	NA	NA	NA	NA	NA	NA	12.59
Total OPEC ⁴	NA	25.98	27.15	28.47	18.94	21.87	23.19	9.96	13.03
Non-OPEC									
United Kingdom	Brent Blend 38°	26.59	28.38	31.36	21.20	24.52	23.26	10.44	NA
Norway	Ekofisk Blend 42°	27.45	28.71	31.06	19.62	23.35	23.95	10.60	14.20
Canada	Canadian Par 40°	27.65	29.51	31.78	19.80	26.98	23.89	10.25	NA
Canada	Lloyd Blend 22°	18.90	21.35	24.51	11.55	18.22	19.71	6.01	NA
Mexico	Isthmus 33°	26.50	27.44	30.14	17.72	23.46	23.32	9.37	13.10
Mexico	Maya 22°	22.58	23.85	26.29	14.30	17.21	19.84	6.38	NA
Colombia	Cano Limon 30°	26.66	27.38	29.07	17.71	24.11	23.98	9.05	NA
Ecuador	Oriente 30°	23.36	24.38	27.32	15.15	20.78	28.20	8.50	12.35
Angola	Cabinda 32°	26.74	27.91	30.60	18.43	23.20	23.15	9.90	NA
Cameroon	Kole 34°	27.05	28.39	30.92	18.05	23.20	23.15	9.90	NA
Egypt ⁵	Suez Blend 33°	24.45	26.09	28.63	17.78	20.15	21.80	9.00	12.81
Gabon ⁶	Mandji 30°	NA	NA	NA	NA	NA	22.55	9.13	NA
Oman	Oman Blend 34°	26.09	27.30	27.71	18.76	21.05	23.20	9.95	13.06
Australia	Gippsland 42°	29.23	30.58	32.22	20.14	25.25	23.85	10.60	NA
Malaysia	Tapis Blend 44°	29.78	31.03	32.54	20.31	28.15	25.43	10.95	14.30
Brunei ⁷	Seria Light 37°	NA	NA	NA	NA	NA	NA	NA	14.15
Russia ⁸	Urals 32°	24.99	27.28	30.31	20.85	23.52	23.36	10.09	13.20
China	Daqing 33°	26.94	28.33	34.38	18.81	22.85	23.20	9.85	13.73
Total Non-OPEC ⁴	NA	25.30	26.96	29.55	18.45	22.54	23.13	9.52	13.44
Total World ⁴	NA	25.60	27.05	29.03	18.68	22.10	23.17	9.76	13.08
United States ⁹	NA	25.09	26.49	28.52	17.06	21.77	22.68	9.10	13.38

¹ Estimated contract prices based on government-selling prices, netback values, or spot market quotations. All prices are f.o.b. at the foreign port of lading except where noted; 30 day payment plan except where noted. See Appendix A for procedure used for calculation of world oil prices.

² An arbitrary scale expressing the gravity or density of liquid petroleum products.

³ Netback price at U.S. Gulf.

⁴ Average prices (f.o.b.) weighted by estimated export volume.

⁵ On 60 days credit.

⁶ Effective July 19, 1996, the Total Non-OPEC price reflects the decision by Gabon to leave the organization. Total OPEC prices from that date forward have been adjusted accordingly.

⁷ Brunei contract prices no longer available for use in weekly calculations.

⁸ Price (f.o.b.) to Mediterranean destinations; also called Urals.

⁹ Average prices (f.o.b.) weighted by estimated import volume.

Note: The Canadian crude prices have been changed to U.S. dollars.

NA=Not Applicable.

R=Revised data.

Source: See page 30.

Table 14. Spot Prices of Crude Oil, Motor Gasoline, and Heating Oils, January 2002 to Present
(Crude Oil in Dollars per Barrel, Products in Cents per Gallon)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2002												
Crude Oil												
WTI - Cushing	19.71	20.72	24.53	26.18	27.04	25.52	26.97	28.39	29.66	28.84	26.35	29.46
Brent	19.42	20.28	23.70	25.73	25.35	24.08	25.74	26.65	28.40	27.54	24.34	28.33
Motor Gasoline												
Conventional Regular												
New York Harbor	54.41	55.33	69.78	74.41	70.30	71.68	76.56	76.87	77.76	82.62	76.55	80.78
U.S. Gulf Coast	53.77	53.92	71.40	77.66	73.96	73.62	75.61	75.03	77.60	82.62	69.08	77.99
Los Angeles	56.49	62.21	82.36	79.65	78.30	85.08	80.02	82.83	82.20	81.57	77.87	75.90
Rotterdam (ARA)	48.45	48.48	60.76	71.72	69.75	68.98	73.25	73.44	77.46	74.70	64.08	71.83
Singapore	49.86	57.61	66.58	71.50	70.60	68.20	67.33	66.87	72.62	70.51	66.54	72.34
Reformulated Regular												
New York Harbor	56.34	57.50	71.29	80.49	77.66	75.43	81.24	78.76	78.99	84.28	79.11	83.38
U.S. Gulf Coast	56.20	56.22	76.85	81.66	77.95	76.00	79.49	76.98	79.19	84.53	73.38	80.84
Los Angeles	62.49	68.21	88.36	85.65	84.30	91.08	86.02	88.83	88.20	87.57	83.87	81.90
Heating Oils												
No. 2 Heating Oil												
New York Harbor	53.56	54.08	63.57	66.72	66.60	64.60	67.85	70.12	77.34	76.79	71.99	82.10
U.S. Gulf Coast	50.93	51.81	61.06	64.21	64.01	62.11	65.42	68.03	75.78	75.41	70.21	79.56
Gasoil												
Rotterdam (ARA)	52.31	52.76	61.31	64.33	64.42	62.88	67.40	70.42	76.56	75.48	69.06	79.79
Singapore	49.85	51.79	59.28	65.69	66.66	65.28	65.61	66.71	73.36	77.44	69.31	73.57
2003												
Crude Oil												
WTI - Cushing	32.95	35.83	33.51	28.17	28.11	30.66	30.75	31.57				
Brent	31.18	32.77	30.61	25.00	25.86	27.65	28.35	29.89				
Motor Gasoline												
Conventional Regular												
New York Harbor	87.95	99.59	95.50	79.94	75.96	80.85	87.30	100.73				
U.S. Gulf Coast	87.88	100.61	96.33	81.01	78.34	82.57	88.52	98.24				
Los Angeles	88.12	111.26	125.07	90.48	82.61	101.10	90.67	125.48				
Rotterdam (ARA)	80.22	90.00	85.31	77.77	73.68	77.33	83.37	90.27				
Singapore	81.80	95.58	90.13	68.84	67.67	74.88	80.88	88.97				
Reformulated Regular												
New York Harbor	89.86	101.67	97.99	85.98	85.85	86.34	90.45	103.21				
U.S. Gulf Coast	90.05	102.52	100.65	84.49	81.60	84.65	89.74	101.05				
Los Angeles	94.12	117.53	131.07	96.48	88.64	107.10	96.67	131.48				
Heating Oils												
No. 2 Heating Oil												
New York Harbor	90.51	112.85	98.83	79.61	74.13	75.94	78.61	81.61				
U.S. Gulf Coast	87.46	104.63	88.10	71.73	70.12	73.52	76.26	79.32				
Gasoil												
Rotterdam (ARA)	85.49	100.01	95.13	72.02	70.30	74.00	75.49	78.87				
Singapore	79.30	91.38	88.23	70.17	67.73	68.50	68.83	76.86				
	Average for Week Ending:		Daily:									
	8/22	8/29	Mon 9/1	Tue 9/2	Wed 9/3	Thu 9/4	Fri 9/5	Mon 9/8	Tue 9/9	Wed 9/10	Thu 9/11	Fri 9/12
2003												
Crude Oil												
WTI - Cushing	31.19	31.56	NA	29.57	29.43	28.87	28.93	28.85	29.22	29.41	28.86	28.26
Brent	29.70	30.12	29.64	28.08	27.89	27.49	27.72	28.47	27.64	27.76	27.48	26.52
Motor Gasoline												
Conventional Regular												
New York Harbor	106.21	103.49	NA	92.30	88.95	91.30	92.40	94.35	96.25	94.25	88.50	90.25
U.S. Gulf Coast	105.24	94.11	NA	84.73	82.25	82.94	84.85	88.35	91.75	91.28	91.15	86.50
Los Angeles	152.00	113.50	NA	110.00	110.00	106.50	106.50	94.00	90.50	88.00	88.00	86.50
Rotterdam (ARA)	93.06	90.90	90.37	86.26	85.83	85.27	87.25	89.52	89.52	87.82	84.98	79.88
Singapore	89.10	87.48	86.90	86.43	83.21	83.21	82.14	82.14	80.71	78.81	79.52	78.81
Reformulated Regular												
New York Harbor	111.42	115.14	NA	104.80	94.95	96.80	96.40	95.85	96.88	95.00	89.88	91.50
U.S. Gulf Coast	110.63	99.80	NA	86.68	84.23	86.56	89.15	90.35	95.75	94.40	93.90	93.75
Los Angeles	158.00	119.50	NA	116.00	116.00	112.50	112.50	100.00	96.50	94.00	94.00	92.50
Heating Oils												
No. 2 Heating Oil												
New York Harbor	80.21	81.10	NA	76.05	75.80	75.15	74.70	74.65	75.33	76.03	74.45	73.45
U.S. Gulf Coast	78.38	77.88	NA	73.90	73.46	72.47	72.93	72.85	73.33	73.93	72.20	71.30
Gasoil												
Rotterdam (ARA)	77.49	78.80	78.80	74.88	74.96	74.40	73.44	74.24	73.76	73.52	74.08	71.60
Singapore	75.95	78.45	80.00	78.69	76.19	76.67	73.45	73.45	74.52	75.24	75.48	76.19

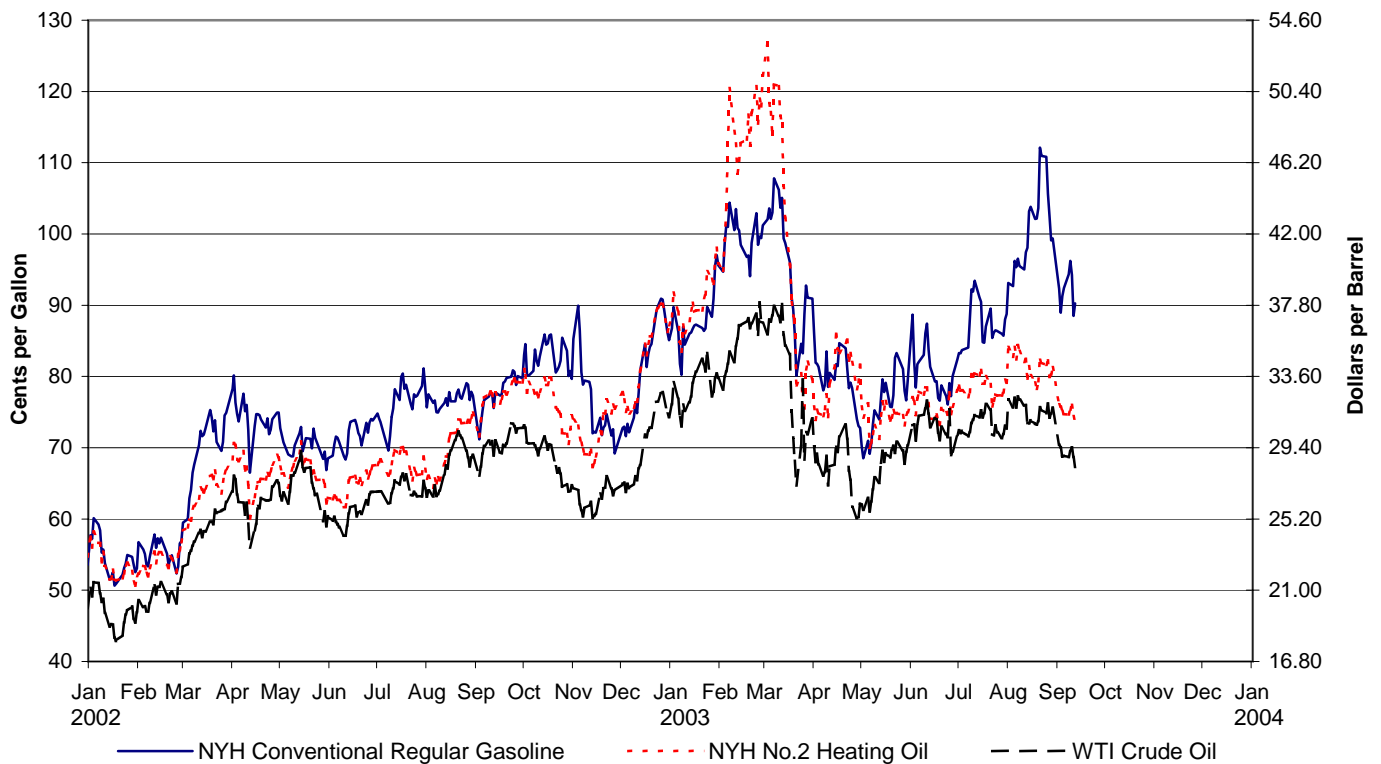
NA=Not Available.

Notes: Monthly and weekly prices are calculated by EIA from daily data. See Glossary for definitions of abbreviations.

See Appendix A, Technical Note 1, page 36, for more information about the data in this table.

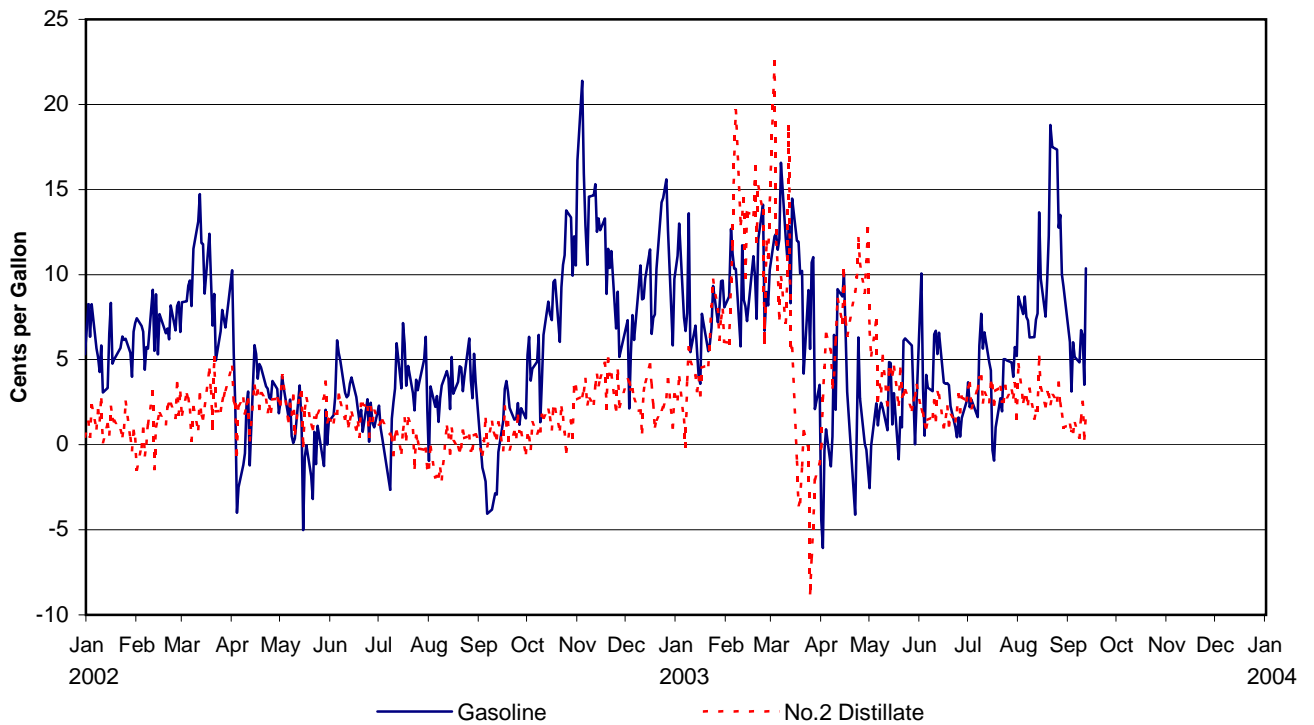
Source: See page 30.

Figure 11. Daily Crude Oil and Petroleum Product Spot Prices, January 2002 to Present



Note: See Glossary for definitions of abbreviations.
Source: See page 30.

Figure 12. Daily Trans-Atlantic Spot Product Price Differentials: New York Harbor less Rotterdam (ARA), January 2002 to Present



Notes: See Glossary for definitions of abbreviations. See Appendix A, Technical Note 1, page 36, for more information about the data in this graph.
Source: See page 30.

**Table 15. Spot Prices of Low-Sulfur Diesel, Kerosene-Type Jet, Residual Fuels, and Propane,
January 2002 to Present
(Cents per Gallon)**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2002												
No. 2 Distillate												
Low-Sulfur No. 2 Diesel Fuel												
New York Harbor	53.79	55.27	64.45	68.54	67.80	65.54	68.80	72.42	79.15	79.22	73.95	82.50
U.S. Gulf Coast	51.58	53.21	62.87	66.61	65.38	63.16	66.76	70.96	79.15	79.11	71.06	80.42
Los Angeles	53.60	57.01	68.30	69.72	66.80	67.88	69.37	78.49	86.44	82.68	77.74	82.29
Kerosene-Type Jet Fuel												
New York Harbor	56.19	57.62	64.83	68.67	69.09	67.95	71.60	75.05	81.66	81.46	73.96	83.13
U.S. Gulf Coast	53.26	55.11	63.04	66.86	66.65	65.26	69.12	72.22	79.99	79.01	70.78	81.10
Los Angeles	57.86	59.92	68.43	69.74	68.53	68.64	71.61	78.82	86.56	81.67	75.95	86.73
Rotterdam (ARA)	55.84	56.16	64.44	67.11	69.10	67.21	69.63	73.06	81.55	79.74	72.94	79.92
Singapore	54.22	53.64	60.20	65.18	66.39	63.79	65.66	69.14	78.10	77.32	70.42	76.66
Residual Fuel												
New York Harbor	38.25	35.58	46.07	52.89	55.26	54.16	53.73	60.54	61.66	62.81	57.23	63.74
U.S. Gulf Coast	36.82	36.73	45.88	53.66	54.97	55.96	53.22	57.65	60.44	65.03	56.99	61.86
Los Angeles	43.34	42.67	41.46	46.60	56.88	59.44	59.93	60.13	62.45	68.49	68.79	68.79
Rotterdam (ARA)	40.34	36.98	42.94	48.10	49.70	48.00	52.97	53.62	61.28	67.69	59.33	65.17
Singapore	40.82	43.16	49.01	54.33	57.30	55.25	57.01	59.07	60.19	58.94	55.40	60.98
Propane												
Mont Belvieu	29.13	31.29	38.02	41.46	40.56	37.46	37.16	41.50	47.14	47.89	47.17	52.32
Conway	26.48	27.88	35.80	40.08	38.12	35.17	35.28	41.33	45.89	47.13	47.89	52.22
Northwest Europe	40.66	36.99	37.83	38.56	39.97	39.05	38.09	41.46	49.99	52.67	54.40	63.44
2003												
No. 2 Distillate												
Low-Sulfur No. 2 Diesel Fuel												
New York Harbor	90.83	114.01	101.89	80.79	75.59	77.09	80.08	82.86				
U.S. Gulf Coast	88.25	106.21	89.81	74.15	71.52	74.99	77.95	82.01				
Los Angeles	87.08	104.26	101.88	78.81	73.81	78.81	84.73	94.19				
Kerosene-Type Jet Fuel												
New York Harbor	91.42	115.05	98.18	79.13	76.13	77.17	80.85	84.70				
U.S. Gulf Coast	88.67	105.54	89.32	74.32	71.36	74.76	77.99	82.27				
Los Angeles	93.07	105.17	97.93	82.08	72.57	75.14	83.64	93.56				
Rotterdam (ARA)	87.34	103.17	101.00	75.22	72.72	75.76	79.00	86.95				
Singapore	81.46	93.71	84.92	66.55	67.01	68.10	70.61	79.70				
Residual Fuel												
New York Harbor	75.30	83.10	75.60	56.99	58.32	59.59	65.40	65.75				
U.S. Gulf Coast	73.60	81.36	78.87	58.65	60.79	64.97	69.86	67.16				
Los Angeles	68.79	68.79	68.79	68.79	68.79	68.79	74.79	66.32				
Rotterdam (ARA)	66.41	76.92	67.82	57.30	53.98	62.89	63.79	64.89				
Singapore	67.24	73.77	66.71	57.40	58.81	61.19	64.68	61.78				
Propane												
Mont Belvieu	60.56	77.46	62.27	50.40	54.12	55.85	53.00	54.78				
Conway	57.71	72.20	56.87	50.23	55.37	59.51	58.92	63.67				
Northwest Europe	68.38	82.77	67.06	47.26	42.82	49.79	48.83	49.81				
2003												
Average for Week Ending:												
Daily:												
	8/22	8/29	Mon 9/1	Tue 9/2	Wed 9/3	Thu 9/4	Fri 9/5	Mon 9/8	Tue 9/9	Wed 9/10	Thu 9/11	Fri 9/12
Low-Sulfur No. 2 Diesel Fuel												
New York Harbor	81.24	82.32	NA	77.23	77.42	76.75	76.25	76.43	77.11	77.68	75.95	75.15
U.S. Gulf Coast	80.68	81.09	NA	76.33	75.89	74.92	75.25	75.28	75.93	76.25	74.50	73.75
Los Angeles	93.50	91.10	NA	86.50	83.50	82.50	79.50	79.50	77.00	77.00	78.00	77.00
Kerosene-Type Jet Fuel												
New York Harbor	83.78	84.13	NA	78.68	78.62	78.05	77.38	77.50	78.18	78.75	76.40	75.68
U.S. Gulf Coast	81.42	81.74	NA	76.30	75.86	76.20	75.20	75.10	75.53	76.03	74.35	73.63
Los Angeles	88.65	88.30	NA	82.00	80.75	79.00	80.00	80.00	79.50	81.50	79.75	79.00
Rotterdam (ARA)	87.15	89.19	87.85	83.61	83.53	82.73	82.41	83.21	82.09	82.17	82.65	80.17
Singapore	79.52	81.28	79.76	78.33	77.38	77.14	73.93	73.93	75.24	75.24	76.19	74.40
Residual Fuel												
New York Harbor	65.67	66.83	NA	66.98	65.19	64.88	62.50	62.50	61.31	61.31	60.71	59.64
U.S. Gulf Coast	67.03	68.11	NA	68.17	66.38	61.90	60.12	60.71	60.71	61.02	61.02	61.02
Los Angeles	65.66	67.47	NA	70.11	70.86	70.86	70.11	70.11	NA	NA	NA	NA
Rotterdam (ARA)	64.64	65.09	65.58	62.94	63.32	62.00	63.51	63.51	63.89	61.63	61.63	58.04
Singapore	60.63	61.02	61.59	61.31	59.47	59.65	58.92	58.92	58.92	59.56	60.20	59.56
Propane												
Mont Belvieu	55.11	54.93	NA	52.75	53.07	53.50	53.25	53.00	53.32	53.32	53.00	52.82
Conway	63.80	63.73	NA	59.94	61.07	61.25	61.25	61.50	61.50	61.50	59.82	59.25
Northwest Europe	50.27	51.04	NA	NA	NA	NA	49.50	NA	NA	NA	NA	50.65

NA=Not Available.

Notes: Monthly and weekly prices are calculated by EIA from daily data. See Glossary for definitions of abbreviations.

See Appendix A, Technical Note 1, page 36, for more information about the data in this table.

Source: See page 30.

Table 16. NYMEX Futures Prices of Crude Oil, Motor Gasoline, No. 2 Heating Oil, and Propane
(Crude Oil in Dollars per Barrel, all others in Cents per Gallon)

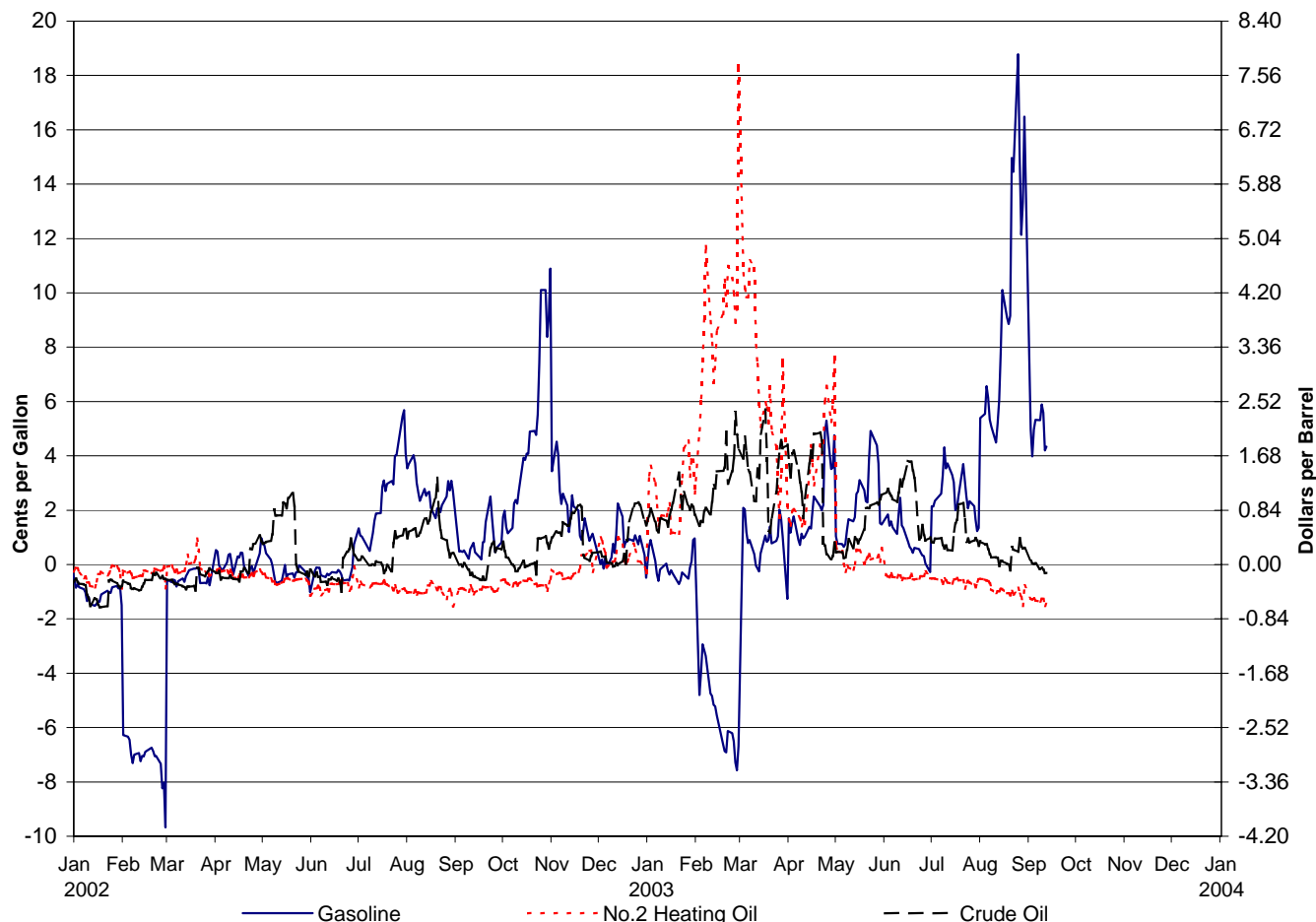
	Mon 9/1/2003	Tue 9/2/2003	Wed 9/3/2003	Thu 9/4/2003	Fri 9/5/2003	Mon 9/8/2003	Tue 9/9/2003	Wed 9/10/2003	Thu 9/11/2003	Fri 9/12/2003
Crude Oil (WTI, Cushing, Oklahoma)										
October-2003	NA	29.41	29.49	28.98	28.88	28.85	29.18	29.35	28.82	28.27
November-2003	NA	29.35	29.46	28.97	28.86	28.92	29.23	29.43	28.95	28.40
December-2003	NA	29.00	29.13	28.67	28.58	28.64	28.94	29.13	28.69	28.16
January-2004	NA	28.63	28.78	28.33	28.25	28.29	28.56	28.73	28.34	27.86
Regular Gasoline (Reformulated, New York Harbor)										
October-2003	NA	84.74	84.09	85.28	86.15	86.33	88.33	87.92	84.64	84.52
November-2003	NA	79.77	80.11	80.31	80.82	81.02	82.44	82.33	80.44	80.18
December-2003	NA	77.47	78.16	77.81	78.00	78.15	79.09	79.25	77.90	77.43
January-2004	NA	77.02	77.86	77.31	77.20	77.30	78.09	78.40	77.20	76.63
No. 2 Heating Oil (New York Harbor)										
October-2003	NA	77.09	77.54	76.52	75.99	75.86	76.77	77.18	75.55	74.77
November-2003	NA	78.33	78.83	77.76	77.30	77.22	78.01	78.45	77.07	76.17
December-2003	NA	79.28	79.83	78.76	78.25	78.17	78.96	79.40	78.07	77.17
January-2004	NA	79.83	80.43	79.41	78.90	78.82	79.61	80.05	78.77	77.87
Propane (Mont Belvieu, Texas)										
October-2003	NA	53.25	53.25	53.50	53.30	53.30	53.50	53.70	53.70	53.00
November-2003	NA	53.50	53.50	53.75	53.75	53.75	53.90	54.00	54.00	53.25
December-2003	NA	53.75	53.75	54.00	54.00	54.00	54.25	54.25	54.25	53.50
January-2004	NA	54.00	54.25	54.50	54.50	54.50	54.75	54.75	54.75	54.00

NA=Not Available.

Note: See Appendix A, Technical Note 2, page 36, for more information about the data in this table.

Source: See page 30.

Figure 13. Daily Futures Price Differentials: First Delivery Month Less Second Delivery Month, January 2002 to Present



NA=Not Available.

Note: See Appendix A, Technical Note 3, page 36, for more information about the data in this graph.

Source: See page 30.

Table 17. U.S. Retail Motor Gasoline and On-Highway Diesel Fuel Prices, January 2002 to Present
(Cents per Gallon, Including Taxes)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2002												
Motor Gasoline	114.8	115.5	128.9	143.9	143.4	142.4	143.8	143.8	144.1	148.6	146.1	142.9
Conventional Areas	113.4	112.9	125.9	140.2	139.4	138.0	140.2	139.8	140.3	146.6	142.4	138.9
RFG Areas	117.7	120.6	134.9	151.2	151.4	150.9	150.8	151.7	151.7	152.6	153.3	150.8
Regular	110.7	111.4	124.9	139.7	139.2	138.2	139.7	139.6	140.0	144.5	141.9	138.6
East Coast (PADD I)	109.6	109.3	120.2	137.0	137.2	134.9	135.2	137.1	137.6	142.2	141.6	140.0
New England (PADD IA)	114.9	115.3	124.3	140.0	141.9	140.4	140.3	144.1	144.3	145.8	148.2	148.1
Central Atlantic (PADD IB)	113.1	113.1	122.5	139.6	141.2	139.8	140.1	142.8	143.4	145.3	146.4	146.3
Lower Atlantic (PADD IC)	105.5	104.7	117.2	134.3	132.6	129.7	130.2	130.8	131.3	138.8	136.1	132.9
Midwest (PADD II)	110.1	109.7	125.9	138.2	138.0	137.2	140.2	137.9	138.8	147.7	139.5	134.7
Gulf Coast (PADD III)	105.3	105.1	118.3	133.1	132.3	130.2	130.1	130.9	132.1	138.7	136.3	133.4
Rocky Mountain (PADD IV)	111.4	110.8	121.1	138.3	138.6	137.8	142.4	145.5	144.2	146.4	144.6	138.9
West Coast (PADD V)	118.6	123.8	138.6	153.5	151.3	153.2	154.7	153.6	152.3	148.0	151.0	147.4
Midgrade	119.9	120.8	134.3	149.4	149.0	147.8	149.2	149.1	149.4	153.7	151.3	148.4
Premium	129.2	129.7	142.7	158.2	158.0	156.7	158.0	158.3	158.6	162.9	160.7	158.0
On-Highway Diesel Fuel	115.3	115.2	123.0	130.9	130.5	128.6	129.9	132.8	141.1	146.2	142.0	142.9
East Coast (PADD I)	118.4	118.0	124.2	131.0	131.2	129.1	130.2	132.5	139.3	144.8	141.1	143.3
New England (PADD IA)	129.4	128.8	131.5	137.9	139.6	138.8	138.9	141.2	144.8	148.8	149.4	151.2
Central Atlantic (PADD IB)	127.4	126.6	131.6	139.1	139.5	137.7	138.6	141.2	146.6	150.7	149.6	151.8
Lower Atlantic (PADD IC)	113.6	113.3	120.3	126.9	126.8	124.5	125.8	128.0	135.7	142.0	136.8	139.0
Midwest (PADD II)	112.8	112.6	120.8	129.4	128.7	126.4	128.7	131.3	140.0	146.1	142.1	143.0
Gulf Coast (PADD III)	112.1	112.2	120.0	127.3	127.2	124.7	126.2	129.0	136.9	143.0	136.3	137.7
Rocky Mountain (PADD IV)	112.6	113.4	122.3	134.7	135.7	132.9	132.7	135.2	145.2	150.5	147.8	144.2
West Coast (PADD V)	122.3	122.6	133.3	139.7	138.4	138.7	138.4	143.3	153.6	152.8	150.7	149.6
California	126.9	128.9	139.4	144.4	141.1	142.7	142.8	148.4	159.7	155.7	153.2	152.4
2003												
Motor Gasoline	150.0	165.5	173.4	163.3	153.9	153.3	155.4	166.1				
Conventional Areas	146.4	162.2	167.5	155.7	147.7	148.9	151.9	162.5				
RFG Areas	157.1	172.0	185.2	178.3	166.4	162.4	162.7	173.2				
Regular	145.8	161.3	169.3	158.9	149.7	149.3	151.3	162.0				
East Coast (PADD I)	146.2	159.3	163.6	155.0	146.1	144.8	148.4	157.6				
New England (PADD IA)	151.5	163.6	167.9	161.8	153.5	150.5	152.4	162.0				
Central Atlantic (PADD IB)	151.2	162.5	167.4	161.1	153.0	148.7	150.5	159.5				
Lower Atlantic (PADD IC)	140.9	155.5	159.4	148.5	138.6	140.2	145.7	154.8				
Midwest (PADD II)	144.0	160.5	163.2	148.5	144.1	147.3	148.1	160.6				
Gulf Coast (PADD III)	140.5	154.8	158.6	147.8	137.9	138.5	142.8	151.3				
Rocky Mountain (PADD IV)	141.9	157.2	166.2	158.6	151.1	150.2	153.8	164.1				
West Coast (PADD V)	153.4	173.0	200.5	194.1	176.4	171.4	170.3	183.1				
Midgrade	155.5	170.9	179.2	169.4	159.5	158.6	160.9	171.4				
Premium	165.0	179.8	187.5	178.0	168.6	167.4	169.7	179.9				
On-Highway Diesel Fuel	148.8	165.4	170.8	153.3	145.1	142.4	143.5	148.7				
East Coast (PADD I)	151.4	169.9	177.0	160.0	149.7	143.7	144.2	147.4				
New England (PADD IA)	159.0	181.3	193.2	169.6	160.1	156.3	156.3	157.3				
Central Atlantic (PADD IB)	159.4	179.3	189.9	169.7	160.4	154.9	154.0	156.7				
Lower Atlantic (PADD IC)	147.3	164.9	169.9	155.0	144.1	137.7	138.9	142.5				
Midwest (PADD II)	147.3	163.9	166.1	149.5	143.6	140.9	140.8	146.4				
Gulf Coast (PADD III)	145.9	162.1	163.7	144.3	137.5	136.7	138.3	143.5				
Rocky Mountain (PADD IV)	145.1	159.5	174.0	158.0	148.9	144.7	146.5	151.5				
West Coast (PADD V)	153.4	167.9	181.6	161.3	150.1	152.7	158.3	166.6				
California	157.9	172.5	181.8	165.0	154.3	158.1	163.5	172.5				

See footnotes at end of table.

Table 17. U.S. Retail Motor Gasoline and On-Highway Diesel Fuel Prices, January 2002 to Present (Continued)

(Cents per Gallon, Including Taxes)

	6/30	7/7	7/14	7/21	7/28	8/4	8/11	8/18	8/25	9/1	9/8	9/15
2003												
Motor Gasoline	152.8	153.0	156.3	156.6	155.8	157.6	161.1	166.8	178.7	178.6	175.8	173.9
Conventional Areas	148.1	148.5	152.8	153.4	152.7	155.3	158.7	163.1	173.0	172.4	169.0	167.4
RFG Areas	162.5	162.2	163.5	163.0	162.1	162.5	165.9	174.2	190.2	191.3	189.6	186.9
Regular	148.7	148.9	152.1	152.4	151.6	153.6	157.1	162.7	174.7	174.6	171.7	169.7
East Coast (PADD I)	144.4	144.6	149.1	150.1	149.8	150.1	153.7	157.5	168.9	171.0	169.0	166.6
New England (PADD IA)	150.1	150.3	152.2	153.6	153.5	154.5	157.2	160.2	175.9	180.8	179.2	177.7
Central Atlantic (PADD IB)	147.4	147.3	150.5	152.2	151.9	151.9	154.7	158.6	172.7	177.6	176.7	174.3
Lower Atlantic (PADD IC)	140.5	141.0	147.1	147.5	147.2	147.5	152.0	155.9	163.9	163.1	160.2	157.6
Midwest (PADD II)	144.3	145.0	149.5	149.7	148.3	154.0	156.7	159.6	172.2	169.9	164.9	165.6
Gulf Coast (PADD III)	138.3	138.8	143.4	144.7	144.1	144.7	148.6	151.9	160.0	159.2	156.9	153.7
Rocky Mountain (PADD IV)	151.7	151.9	152.1	154.1	157.1	158.2	162.1	164.9	171.0	174.9	174.0	172.0
West Coast (PADD V)	174.5	173.7	171.4	168.8	167.1	167.2	171.4	188.7	205.1	204.6	202.7	197.9
Midgrade	158.4	158.5	161.7	162.1	161.3	162.8	166.3	172.1	184.2	184.1	181.4	179.5
Premium	167.0	167.2	170.5	171.0	170.2	171.6	174.9	180.5	192.5	192.4	189.9	188.0
On-Highway Diesel Fuel	142.0	142.8	143.5	143.9	143.8	145.3	149.2	149.8	150.3	150.1	148.8	147.1
East Coast (PADD I)	142.7	143.3	144.5	144.7	144.1	144.7	148.2	148.4	148.4	148.2	147.2	146.1
New England (PADD IA)	156.3	156.6	155.8	156.5	156.4	156.5	157.1	158.2	157.3	157.5	157.1	156.8
Central Atlantic (PADD IB)	153.5	153.3	154.4	154.5	153.6	154.3	157.3	157.4	157.8	158.0	157.8	156.4
Lower Atlantic (PADD IC)	136.8	137.9	139.3	139.4	138.9	139.5	143.4	143.6	143.5	143.2	141.7	140.7
Midwest (PADD II)	139.8	140.4	140.8	141.0	140.9	143.0	147.4	147.4	147.9	147.9	147.2	146.0
Gulf Coast (PADD III)	136.4	137.5	138.2	138.7	138.7	140.0	144.7	144.8	144.5	144.6	143.2	141.0
Rocky Mountain (PADD IV)	145.5	145.8	146.7	146.8	146.7	148.0	150.5	152.2	155.1	156.6	155.4	154.2
West Coast (PADD V)	155.6	156.7	157.2	159.0	160.2	161.9	164.8	169.0	170.7	168.1	164.1	160.4
California	160.2	161.4	161.2	164.0	167.3	169.5	171.5	174.1	175.0	173.1	169.2	164.8

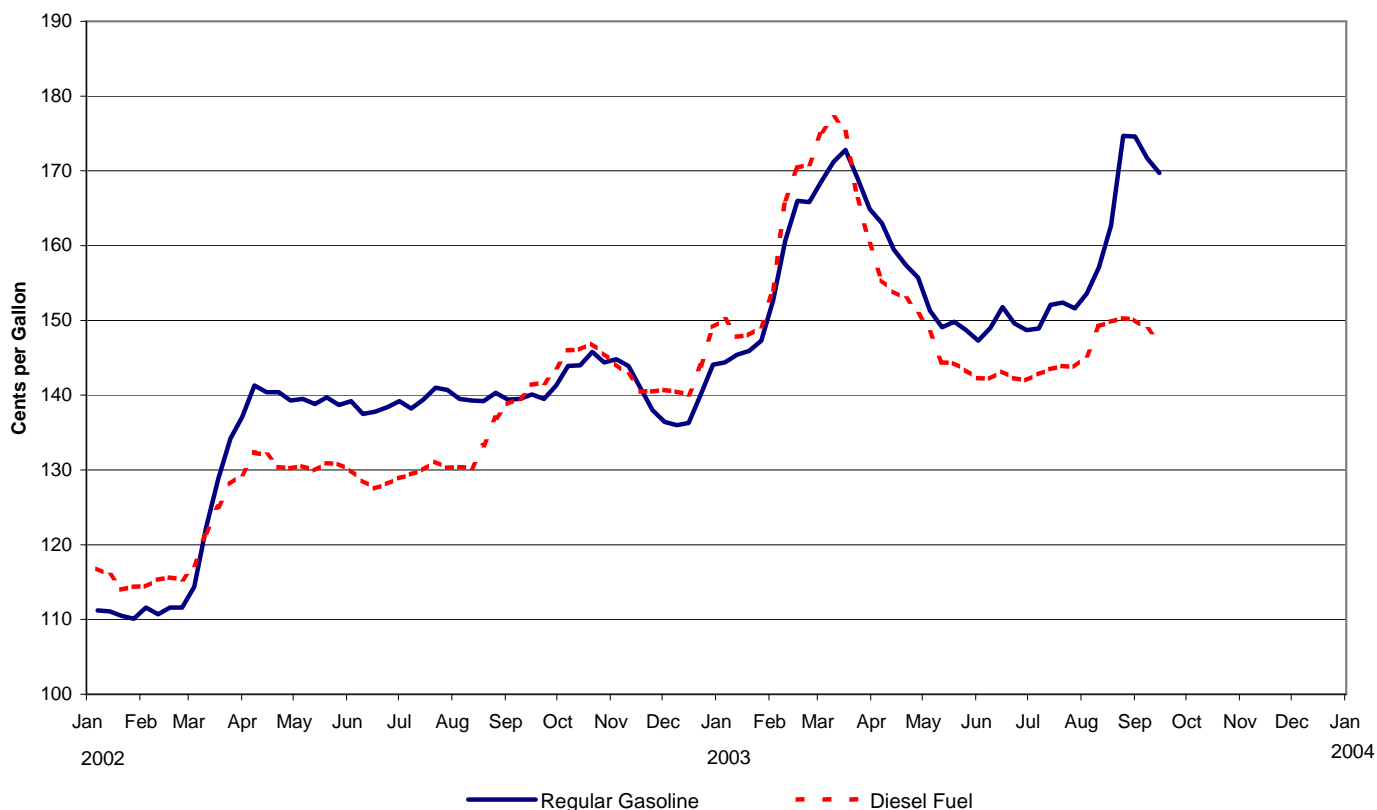
NA=Not Available.

Notes: See Glossary for definitions of abbreviations. See Appendix A, Technical Note 4, page 36, for more information about data in this table.

Sources: See page 30.

Figure 14. U.S. Average Retail Regular Motor Gasoline and On-Highway Diesel Fuel Prices, January 2002 to Present

(Cents per Gallon, Including Taxes)



NA=Not Available.

Note: See Appendix A, Technical Note 4, page 36, for more information about data in this graph.

Sources: See page 30.

Sources

Table 1

- Current Year Data: Estimates based on weekly data collected on Forms EIA-800, -801, -802, -803, and -804, and *Petroleum Supply Monthly*.
- Previous Year Data: Estimates based on EIA, *Petroleum Supply Annual* and EIA, *Petroleum Supply Monthly*. Product Supplied and Losses, Natural Gas Liquids Production, Other Liquid New Supply, and Processing Gain are estimates based on data published for the most recent month in the *Petroleum Supply Monthly* except for exports, Crude Oil Production, and Other Oils Stocks. See Appendix A for explanation of their estimates.

Table 2

- Monthly Data: 2002, EIA, *Petroleum Supply Annual*; 2003, EIA, *Petroleum Supply Monthly*, except for operable capacity for January 2003 which is from the *Petroleum Supply Annual*, 2002.
- Four-Week Averages: Estimates based on weekly data collected on Form EIA-800. Operable Capacity estimate is based on data published for the most recent *Petroleum Supply Monthly*.

Figure 1

- Monthly Data: 2002, EIA, *Petroleum Supply Annual*; 2003, EIA, *Petroleum Supply Monthly*; except for operable capacity for January 2003 which is from the *Petroleum Supply Annual*, 2002.
- Four-Week Averages: Estimates based on weekly data collected on Form EIA-800.

Figure 2

- Data for Ranges and Seasonal Patterns: 1995-2001, EIA, *Petroleum Supply Annual*; 2002, EIA, *Petroleum Supply Monthly*.
- Monthly Data: 2002, EIA, *Petroleum Supply Annual*; 2003, EIA, *Petroleum Supply Monthly*.
- Week-Ending Stocks: Estimates based on weekly data collected on Forms EIA-800, -801, -802 and -803.

Table 3

- Monthly Data: 2002, EIA, *Petroleum Supply Annual*; 2003, EIA, *Petroleum Supply Monthly*.
- Week-Ending Stocks: Estimates based on weekly data collected on Forms EIA-800, -801, -802, and -803. Other Oils estimate is based on estimation methodology in Appendix A.

Figure 3

- Data for Ranges and Seasonal Patterns: 1995-2001, EIA, *Petroleum Supply Annual*; 2002, EIA, *Petroleum Supply Monthly*.
- Monthly Data: 2002, EIA, *Petroleum Supply Annual*; 2003, EIA, *Petroleum Supply Monthly*.
- Week-Ending Stocks: Estimates based on weekly data collected on Forms EIA-800, -801, and -802.

Table 4

- Monthly Data: 2002, EIA, *Petroleum Supply Annual*; 2003, EIA, *Petroleum Supply Monthly*.
- Week-Ending Stocks: Estimates based on weekly data collected on Forms EIA-800, -801, and -802.

Figure 4

- Data for Ranges and Seasonal Patterns: 1995-2001, EIA, *Petroleum Supply Annual*; 2002, EIA, *Petroleum Supply Monthly*.
- Monthly Data: 2002, EIA, *Petroleum Supply Annual*; 2003, EIA, *Petroleum Supply Monthly*.
- Week-Ending Stocks: Estimates based on weekly data collected on Forms EIA-800, -801, and -802.

Table 5

- Monthly Data: 2002, EIA, *Petroleum Supply Annual*; 2003, EIA, *Petroleum Supply Monthly*.
- Week-Ending Stocks: Estimates based on weekly data collected on Forms EIA-800, -801, and -802.

Figure 5

- Data for Ranges and Seasonal Patterns: 1995-2001, EIA, *Petroleum Supply Annual*; 2002, EIA, *Petroleum Supply Monthly*.
- Monthly Data: 2002, EIA, *Petroleum Supply Annual*; 2003, EIA, *Petroleum Supply Monthly*.
- Week-Ending Stocks: Estimates based on weekly data collected on Forms EIA-800, -801, and -802.

Table 6

- Monthly Data: 2002, EIA, *Petroleum Supply Annual*; 2003, EIA, *Petroleum Supply Monthly*.
- Week-Ending Stocks: Estimates based on weekly data collected on Forms EIA-800, -801, and -802.

Figure 6

- Data for Ranges and Seasonal Patterns: 1995-2001, EIA, *Petroleum Supply Annual*; 2002, EIA, *Petroleum Supply Monthly*.
- Monthly Data: 2002, EIA, *Petroleum Supply Annual*; 2003, EIA, *Petroleum Supply Monthly*.
- Week-Ending Stocks: Estimates based on weekly data collected on Forms EIA-800, -801, and -802.

Table 7

- Monthly Data: 2002, EIA, *Petroleum Supply Annual*; 2003, EIA, *Petroleum Supply Monthly*.
- Week-Ending Stocks: Estimates based on weekly data collected on Forms EIA-807.

Figure 7

- Data for Ranges and Seasonal Patterns: 1995-2001, EIA, *Petroleum Supply Annual*; 2002, EIA, *Petroleum Supply Monthly*.
- Monthly Data: 2002, EIA, *Petroleum Supply Annual*; 2003, EIA, *Petroleum Supply Monthly*.
- Week-Ending Stocks: Estimates based on weekly data collected on Forms EIA-807.

Table 8 and Figure 8

- Monthly Data: 2002, EIA, *Petroleum Supply Annual*; 2003, EIA, *Petroleum Supply Monthly*.
- Four-Week Averages: Estimates based on weekly data collected on Form EIA-804. Total exports estimate is based on data published in the most recent *Petroleum Supply Monthly*.

Table 9 and Figure 9

- Monthly Data: 2002, EIA, *Petroleum Supply Annual*; 2003, EIA, *Petroleum Supply Monthly*.
- Four-Week Averages: Estimates based on weekly data collected on Form EIA-804.

Table 10 and Figure 10

- Monthly Data: 2002, EIA, *Petroleum Supply Annual*; 2003, EIA, *Petroleum Supply Monthly*.
- Four-Week Averages: Estimates based on weekly data collected on Forms EIA-800, -801, -802, -803, and -804.

Table 11

- Estimates based on weekly data collected on Forms EIA-800, -801, -802, -803, and -804.

Table 12

- Current Year Data: Estimates based on weekly data collected on Forms EIA-800, -801, -802, -803, and -804, and *Petroleum Supply Monthly*.
- Previous Year Data: Estimates based on EIA, *Petroleum Supply Annual* and EIA, *Petroleum Supply Monthly*. Product Supplied and Losses, Natural Gas Liquids Production, Other Liquid New Supply, and Processing Gain are estimates based on data published for the most recent month in the *Petroleum Supply Monthly* except for exports, Crude Oil Production, and Other Oils Stocks. See Appendix A for explanation of their estimates.

Table 13

- EIA, Office of Energy Markets and End Use, Integrated Energy Statistics Division.
- Platt's Oilgram Price Report.
- Petroleum Intelligence Weekly.
- Oil and Gas Journal.
- Wall Street Journal.
- Oil Market Intelligence.
- Natural Resources Canada
- Petroleum Place (www.petroleumplace.com)

Table 14 and Figures 11 and 12

- Reuters Ltd.

Table 15

- Reuters Ltd.

Table 16 and Figure 13

- Crude Oil Futures: New York Mercantile Exchange (NYMEX), and Products: Reuters Ltd.

Table 17 and Figure 17

- Motor Gasoline: Form EIA-878, "Motor Gasoline Price Survey", and On-Highway Diesel: Form EIA-888, "On-Highway Diesel Fuel Price Survey".

Explanatory Notes

Survey Design And Estimation Methods

The data presented in this publication include data collected by the Petroleum Division (PD) on weekly and monthly surveys, and data released by Reuters Ltd. PD weekly supply data are derived from the Weekly Petroleum Supply Reporting System (WPSRS) which comprises five surveys: the “Weekly Refinery Report” (EIA-800); the “Weekly Bulk Terminal Report” (EIA-801); the “Weekly Product Pipeline Report” (EIA-802); the “Weekly Crude Oil Stocks Report” (EIA-803); and the “Weekly Imports Report” (EIA-804). The EIA weekly reporting system, as part of the Petroleum Supply Reporting System, was designed to collect data similar to those collected monthly. In the WPSRS, selected petroleum companies report weekly data to EIA on crude oil and petroleum product stocks, refinery inputs and production, and crude oil and petroleum product imports. On the Forms EIA-800 through EIA-803, companies report data on a custody basis. On the Form EIA-804, the importer of record reports each shipment entering the United States. Current weekly data and the most recent monthly data are used to estimate the published weekly totals.

PD price data contained in this report are derived from 2 weekly telephone surveys and 3 monthly mail surveys. The weekly surveys, EIA-878, “Motor Gasoline Price Survey,” and EIA-888, “On-Highway Diesel Fuel Price Survey,” provide timely information on national and regional retail prices of gasoline and on-highway diesel fuel. The monthly surveys collect volume weighted price data for crude oil and petroleum products, the EIA-14, “Refiners’ Monthly Cost Report,” EIA-782A, “Refiners’/Gas Plant Operators’ Monthly Petroleum Product Sales Report,” and EIA-782B, “Resellers’/Retailers’ Monthly Petroleum Product Sales Report.” In order to provide a comprehensive summary of current conditions in petroleum markets, spot and futures prices as reported by Reuters Ltd. are also included.

Sample Frame

WPSRS Forms: EIA-800 through EIA-804

The sample of companies that report weekly in the WPSRS was selected from the universe of companies that report monthly. All sampled companies report data only for facilities in the 50 States and the District of Columbia. The frame from which the EIA-800 sample is drawn includes all operating and idle petroleum refineries and blending plants in the 50 States and the District of Columbia. The EIA-801 sample frame includes all bulk terminal facilities in the United States and its possessions that have total bulk storage capacity of 50,000 barrels or more, or that receive

petroleum products by tanker, barge, or pipeline. The EIA-802 sample frame includes all petroleum product pipeline companies in the 50 States and the District of Columbia that transport refined petroleum products, including interstate, intrastate, and intracompany pipeline movements. Pipeline companies that transport only natural gas liquids are not included in the EIA-802 frame. Only those pipeline companies which transport products covered in the weekly survey are included. The EIA-803 sample frame consists of all companies which carry or store 1,000 barrels or more of crude oil. Included are gathering and trunk pipeline companies (including interstate, intrastate and intracompany pipelines), crude oil producers, terminal operators, storers of crude oil, and companies transporting Alaskan crude oil by water in the 50 States and the District of Columbia. The frame from which the EIA-804 sample is drawn includes importers of record of crude oil and petroleum products into the 50 States and the District of Columbia including imports of petroleum products from Puerto Rico, the Virgin Islands, and other U.S. possessions.

Sampling Designs

The sampling procedure used for the surveys in the WPSRS is the cut-off method. In the cut-off method, companies are ranked from largest to smallest on the basis of the quantities reported during some previous period. Companies are chosen for the sample beginning with the largest and adding companies until the total sample covers about 90 percent of the total for each item and each geographic region for which weekly data are published.

	Weekly Form	June 2003 Frame Size	Weekly Sample Size
Refiners (Refineries)	EIA-800	259(396)	74(257)
Bulk Terminals	EIA-801	251	67
Products Pipelines	EIA-802	83	40
Crude Oil Stock Holders	EIA-803	147	62
Importers	EIA-804	174	83

The geographic areas were defined as (a) the 24 States in which No. 2 distillate was a significant heating source and 50 States and the District of Columbia for residual and motor gasoline, (b) the 25 States in which propane was a significant energy source, or as (c) the PAD Districts for districts where not all State estimates are provided. The type-of-sale classifications were retail and resale for motor gasoline and residual fuel oil, and residential and

nonresidential retail and wholesale for distillate and propane. Four volume-of-sales strata (certainty, zero, low, and high) were defined with volume boundaries differing by State, sales type, and product.

The EIA-878 telephone survey collects price data from a selected sample of 912 retail gasoline outlets. The sample of outlets was designed to yield price estimates for national, PADD, and subdistrict PADD levels of ozone nonattainment and attainment areas, and select cities and states with a 1 cent standard error. Weekly sampling errors may vary from this target. The sample was derived by selecting companies with a probability proportional to size, based on their retail sales of gasoline reported on the EIA-782 monthly survey from November 1996 to October 1997. Once a company was selected, it was contacted to determine the location for each outlet randomly sampled within the outlets owned by the company. Using this location information, outlets were classified by the two fuel formulations. The number of outlets selected within each PADD varied according to expected price variances in each PADD and estimated distributions of outlets.

The EIA-888 telephone survey collects price data from a selected sample of 350 retail on-highway diesel fuel outlets. The sample for the survey was designed to yield price estimates at the PADD, sub-PADD and national level, and for the state of California. A 1 cent standard error was targeted for PADDs 1, 2 and 3, and 1.5 cents for PADDs 4, 5, sub-PADDs 1X, 1Y, 1Z, and the state of California. Standard errors for determining the sample size were estimated using data from the EIA-888 survey. The EIA-888 sample was derived as a probability proportional to size subsample of the respondents from the EIA-782A and EIA-782B sample who reported on-highway diesel fuel sales where the reported volume was the company size. Specific outlets within a company were selected using probability proportional to size sampling according to data provided by the company when initiated to the survey.

Collection Methods

Survey data for the WPSRS are collected by mail, mailgram, telephone, Telex, facsimile, and electronic transmission on a weekly basis. All canvassed firms must file by 5:00 p.m. on the Monday following the close of the report week, 7:00 a.m. Friday. During the processing week, company corrections of the prior week's data are also entered. Survey data are collected weekly by telephone and facsimile for the EIA-878 and EIA-888. It is mandatory for each monthly respondent to submit completed forms to EIA no later than 30 calendar days after the close of each reference month. For the EIA-878 and EIA-888 surveys, data are mostly collected through a Computer Assisted Telephone Interview (CATI) survey processing system on Monday of each week as of 8:00 a.m. local time. If Monday is a holiday, the calls are made on the next business day, however, the Monday price is recorded.

Data Processing

Data collected through WPSRS are received, logged into an automated Survey Control File, keyed and processed through an

edit program. Data that fail the edits are resolved through telephone calls to the respondents. Statistical reports, including publication tables, are generated using only acceptable and verified data. Imputation is performed for nonrespondents and for data that fail the edits. Data from the EIA-878 and EIA-888 telephone surveys are received over the telephone and entered on-line at collection time by the interviewer and edited.

Estimation And Imputation

Survey data gathered from the respondents invariably contain incomplete reporting, nonresponse, and values that fail editing. Imputation for nonrespondents in the WPSRS data base is performed after the company reports have been checked and entered into the system. The imputed values are exponentially smoothed means of recent weekly reported values for this specific company. The imputed values are treated like reported values in the estimation procedure, which calculates ratio estimates of the weekly totals. First, the current week's data for a given product reported by companies in a geographic region are summed. (Call this weekly sum, W_s .) Next, the most recent month's data for the product reported by those same companies are summed. (Call this monthly sum, M_s .) Finally, let M_t be the sum of most recent month's data for the product as reported by all companies. Then, the current week's ratio estimate for that product for all companies, W_t , is given by:

$$W_t = \frac{M_t}{M_s} \bullet W_s$$

This procedure is used directly to estimate total weekly inputs to refineries and production. To estimate stocks of finished products, the preceding procedure is followed separately for refineries, bulk terminals, and pipelines. Total estimates are formed by summing over establishment types.

Weekly imports data are highly variable on a company-by-company basis or a week-by-week basis. Therefore, an exponentially smoothed ratio has been developed. The estimate of total weekly imports is the product of the smoothed ratio and the sum of the weekly reported values and imputed values.

EIA-878 outlet prices are weighted by the estimated volume per outlet for each formulation and grade of gasoline, and by PADD. EIA-888 outlet prices have a constant weight within a PADD, sub-PADD and the state of California. Average prices are weighted by their respective volume percent of the U.S. volume of retail on-highway diesel fuel sales to derive the national average price.

Response Rates

The response rate at the close of business on the filing deadline day is about 80 percent for the EIA-800, 75 percent for the EIA-801, 95 percent for the EIA-802, 80 percent for the EIA-803, and greater than 95 percent for the EIA-804. However, more forms are received the next day, bringing the final response rates up. Late respondents are contacted by telephone. Nearly all of the major

companies report on time. The response rate for the published estimates is usually between 98 percent and 100 percent.

The response rates on Forms EIA-878, and EIA-888 are usually 98 to 100 percent.

Reliability Of Data

There are two types of errors possible in an estimate based on a sample survey: sampling and nonsampling. Sampling errors occur because observations are made only on a sample, not on the entire population. Non-sampling errors can be attributed to many sources in the collection and processing of data. The accuracy of survey results is determined by the joint effects of sampling and nonsampling errors.

Measures Of Sampling Variability

Tables showing data from the EIA-878, and EIA-888 surveys utilize a sample of resellers and retailers and, therefore, have sampling error. The particular sample used for each of the EIA-878, and EIA-888 surveys is one of a large number of all possible samples that could have been selected using the same design. Estimates derived from the different possible samples would differ from each other. The average of these estimates would be close to the estimate derived from a complete enumeration of the population (a census), assuming that a complete enumeration has the same nonsampling errors as the sample survey. The sampling error, or standard error of the estimate, is a measure of the variability among the estimates from all possible samples of the same size and design and, thus, is a measure of the precision with which an estimate from a particular sample approximates the results of a complete enumeration.

Nonsampling Errors

Nonsampling errors can be attributed to many sources such as incorrect reporting by respondents, mistakes in recording or coding the data, and other errors of collection, response, coverage, and estimation for missing data.

Confidentiality

The data contained in this publication are subject to statistical nondisclosure procedures. The objective of the disclosure-avoidance procedures, as stated in the Energy Information Administration Standard 88-05-06, Subject: "Nondisclosure of Company Identifiable Data in Aggregate Cells," is to ensure that confidential, company-identifiable data are not disclosed in tables where "company specific responses may be proprietary and prohibited from public disclosure by 18 U.S.C. 1905." Statistics representing data aggregated from fewer than three companies or that are dominated by input from one or two companies are withheld. EIA identifies cells that are sensitive according to these criteria by applying a statistical formula to the data contained in each cell to determine if a few companies "dominate" the cell. If a cell is sensitive, the data in that cell are suppressed and a "W" is placed in the publication cell. Also, since many tables include row or column totals, some nonsensitive data cells have been suppressed to prevent the reader from calculating

the suppressed numbers by simply subtracting the published numbers from the total.

Estimation Of Domestic Crude Oil Production

Monthly data on crude oil production for States are reported to the Department of Energy by State conservation agencies. Data on the volume of crude oil produced on Federally-owned offshore leases are reported by the Minerals Management Service, U.S. Department of the Interior. There is a time lag of approximately 4 months between the end of the reporting month and the time when the monthly crude oil production information becomes available. In order to present more timely crude oil production volumes, the Energy Information Administration prepares weekly crude oil production estimates which are based on historical production patterns and, where available, other data such as pipeline runs from the Alaskan North Slope during the week. These weekly estimates are presented as the weekly and 4-week average crude oil production volumes shown in this publication. Cumulative crude oil production volumes shown in the U.S. Petroleum Balance Sheet include revised estimates published in the *Petroleum Supply Monthly*.

Estimation Of Exports

Official U.S. exports statistics for crude oil and petroleum products are compiled by the U.S. Bureau of the Census and are published in the *Petroleum Supply Monthly*. The EIA obtains these data on a monthly basis approximately 10 weeks after the close of the reporting month. Beginning with statistics for the first week ending in October 1991, weekly estimates of exports are forecast using an autoregressive integrated moving-average (ARIMA) procedure. The ARIMA procedure models a value as a linear combination of its own past values and present and past values of other related time series. The most recent 5 years of past data are used to obtain the exports forecast. In addition, for the major products and crude oil, 5 years of related price data are used. The price data include some U.S. and some foreign series. Because of the reduction in volume of crude oil exports, and a shift in the country distribution, a new model was implemented on November 2, 2001 to determine the expected volume of crude oil exports.

Estimation Of Other Oils Stocks

Data are derived by (1) computing an average daily rate of stock change for the minor products for each month based on monthly data for the past 6 years; (2) using this daily rate and the minor stock levels from the most recent monthly publication to estimate the minor product stock level for the current period. Year ago data are interpolated from published monthly stock levels.

Initial Estimates of Petroleum Prices

The initial estimates are forecasts of U.S. and PADD prices for crude oil and selected petroleum products published in the *Petroleum Marketing Monthly* (PMM) (See Table 19). The initial estimates are published 1-2 months ahead of the normal publication schedule for the PMM. The initial estimates are forecasted using an autoregressive integrated moving average

(ARIMA) transfer function model. The initial estimate is calculated based on its own past values and present and past values of other related time series, such as spot prices and heating degree-days. At least 5 years of data are used to obtain the forecasts.

One method of forecast evaluation is to compare actual to one month ahead forecast values for a 12 month period. Then, the Average Absolute Differences (AAD) are calculated. This provides a good indicator of the error associated with the forecasts. For the period January 1997 to December 1998, the forecasted values were within 2 cents of the actual value for 85% of the petroleum products and within 30 cents of the actual value for all the crude oil forecasts.

Data Assessment

The principal objective of the Petroleum Supply Reporting System is to provide an accurate picture of petroleum industry activities and of the availability of petroleum products nationwide from primary distribution channels. The weekly data, which are based on sample estimates stemming largely from preliminary company data, serve as leading indicators of the monthly data. The weekly data are not expected to have the same level of accuracy as the preliminary monthly data when compared with final monthly data. However, the weekly data are expected to exhibit like trends and product flows characteristic of the preliminary and final monthly data.

To assess the accuracy of weekly statistics, monthly estimates derived from weekly estimates are compared with the final monthly aggregates published in the *Petroleum Supply Annual*. Although final monthly data are still subject to error, they have been thoroughly reviewed and edited, they reflect all revisions made during the year and they are considered to be the most accurate data available. The mean absolute percent error provides a measure of the average revisions relative to the aggregates being measured for a variable. The mean absolute percent error for 2000 weekly data was less than 2 percent for 24 of the 61 major petroleum variables analyzed. Many of the variables with mean absolute percent errors of 2 percent or more were for refined products imports series. The mean absolute percent error for total weekly refined products imports was 12.29 percent for 2000. It should be noted that products imports data are highly variable and cannot be estimated from a sample with the same precision as other petroleum variables. Weekly estimates for refined products imports are almost always low because small companies, which are not in the weekly sample, generally import large volumes of finished products only a few times during the year.

An analytical article, "Accuracy of Petroleum Supply Data," which assesses the differences between preliminary and final data on the 61 major petroleum variables, is published in the *Petroleum Supply Monthly* once each year.

Interpretation And Derivation Of Average Inventory Levels

The national inventory (stocks) graphs for total petroleum products, crude oil, motor gasoline, distillate fuel oil, and residual fuel oil in this publication include features to assist in comparing current inventory levels with past inventory levels and with judgments of critical levels. Methods used in developing the average inventory levels and lower operational inventory are described below.

Average Inventory Levels

The graphs displaying inventory levels of crude oil and petroleum products (p.4), crude oil (p.6), motor gasoline (p.8), distillate fuel oil (p.10), residual fuel oil (p.12), and propane (p.14) provide the reader with actual inventory data compared to an "average range" for the most recent 5-year period running from January through December or from July through June. The ranges also reflect seasonal variation for the past 7 years. The seasonal factors, which determine the shape of the upper and lower curves, are estimated with a seasonal adjustment technique developed at the Bureau of Census (Census X-11). The seasonal factors are assumed to be stable (i.e., the same seasonal factor is used for each January during the 7-year period) and additive (i.e., the series is deseasonalized by subtracting the seasonal factor for the appropriate month from the reported inventory levels). The intent of deseasonalization is to remove only annual variation from the data. Thus, deseasonalized series would contain the same trends, cyclical components, and irregularities as the original data. The seasonal factors are updated annually in October, using the 7 most recent years' final monthly data. The seasonal factors are used to deseasonalize data from the most recent 5-year period (January-December or July-June) in order to determine a deseasonalized average band. The average of the deseasonalized 36-month series is the midpoint of the band, and two standard deviations of the series (adjusting first for extreme points) is its width. When the seasonal factors are added back in (the upper curve is the midpoint plus one standard deviation plus the seasonal factor, and the lower curve is the midpoint minus one standard deviation plus the seasonal factor), the "average range" shown on the graphs reflects the actual data. The ranges are updated every 6 months in April and October (Table A1).

Lower Operational Inventory

The lines labeled "lower operational inventory" on the stock graphs are the lower end of the demonstrated operational inventory range updated for known and definable changes in the petroleum delivery system.

Calculation of World Oil Price

The weighted average international price of oil, shown in the "Highlights" on page 1 and on page 24, is an average calculated using specific crude oil prices weighted by the estimated crude oil export volume for each oil-producing country. To develop the table shown on page 24, a list of major oil producing/exporting countries was chosen. For each country, the contract selling price

**Table A1. Upper and Lower Limits Values of Average Ranges in Inventory Graphs
(Million Barrels)**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Upper Limit												
Total Petroleum	1,037.9	1,019.5	1,029.8	1,049.0	1,079.2	1,084.3	1,087.5	1,083.1	1,084.7	1,074.1	1,078.0	1,040.5
Crude Oil	323.4	322.7	335.2	343.5	343.2	334.5	331.2	325.8	319.0	325.2	328.0	315.6
PADD 1	15.5	14.7	15.5	16.5	16.5	16.1	17.1	17.1	16.9	15.6	15.5	13.7
PADD 2	68.4	68.7	73.0	76.6	76.6	73.8	73.3	71.4	69.4	71.1	70.8	70.1
PADD 3	166.7	167.3	172.8	176.4	174.9	171.6	171.4	170.0	166.1	168.4	168.4	160.1
PADD 4	13.6	13.4	14.2	14.5	14.4	13.8	13.2	12.8	12.7	12.9	12.9	13.6
PADD 5	63.4	61.5	63.3	61.7	63.0	62.2	59.3	57.4	56.0	61.1	64.4	61.4
Motor Gasoline	225.2	223.6	216.0	216.7	222.0	221.6	215.5	206.1	211.5	206.7	210.7	212.9
PADD 1	63.5	62.1	60.3	60.9	65.4	66.0	61.1	57.9	58.3	58.8	59.4	59.6
PADD 2	57.2	58.6	55.5	54.3	55.0	55.9	54.9	53.7	55.4	52.4	53.6	53.1
PADD 3	65.4	65.1	64.7	65.2	64.9	64.6	64.1	61.8	64.3	63.3	62.5	63.5
PADD 4	8.1	8.1	7.6	6.8	6.8	6.7	6.3	6.0	6.1	6.3	7.0	7.3
PADD 5	33.6	31.8	30.3	31.5	32.8	31.6	30.2	29.5	30.5	30.0	30.9	31.6
Distillate Fuel Oil	139.8	132.2	124.2	124.3	131.4	135.3	141.9	145.9	150.0	148.0	152.5	149.6
PADD 1	60.1	55.7	48.6	48.5	53.9	57.1	62.9	67.3	69.4	71.2	71.5	67.0
PADD 2	32.6	32.7	30.8	31.1	31.8	32.3	33.0	33.3	33.1	30.3	33.0	33.8
PADD 3	31.3	29.9	31.2	30.4	31.1	31.7	32.3	32.5	33.7	33.2	33.7	33.4
PADD 4	3.5	3.3	3.1	2.7	3.2	3.4	3.3	2.9	2.8	2.9	3.2	3.5
PADD 5	12.7	12.3	12.2	12.9	12.7	12.4	11.6	11.5	12.0	11.9	12.6	13.1
Residual Fuel Oil	41.4	39.8	40.5	40.4	40.8	41.5	39.7	40.8	40.8	40.5	42.3	42.3
PADD 1	17.2	15.5	14.6	15.0	15.8	16.4	16.5	16.2	17.3	18.0	18.5	18.0
PADD 2	2.2	2.3	2.2	2.3	2.3	2.3	2.2	2.3	2.2	2.2	2.2	2.1
PADD 3	15.7	15.6	16.8	16.6	16.4	16.4	15.2	15.5	15.2	14.4	15.4	15.8
PADD 4	0.5	0.5	0.5	0.5	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
PADD 5	6.6	6.8	6.8	6.7	6.5	6.6	6.4	6.5	6.3	6.2	6.3	6.3
Propane	46.3	40.1	38.9	43.5	52.7	60.7	67.2	71.8	73.5	72.7	68.5	58.9
PADD 1	3.8	3.6	3.2	3.5	4.0	4.7	5.4	5.9	6.0	6.1	5.9	5.2
PADD 2	17.7	15.0	14.4	16.4	20.6	24.4	27.8	30.2	30.7	30.1	28.7	23.6
PADD 3	23.6	21.5	20.7	22.9	27.1	30.4	32.3	33.6	34.4	33.7	32.3	28.2
Lower Limit												
Total Petroleum	935.5	917.1	927.4	946.6	976.8	981.9	985.1	980.7	982.3	971.7	975.6	938.1
Crude Oil	287.9	287.2	299.7	307.9	307.6	299.0	295.6	290.3	283.5	289.7	292.5	280.0
PADD 1	13.2	12.4	13.2	14.2	14.2	13.8	14.8	14.7	14.6	13.3	13.1	11.4
PADD 2	56.0	56.4	60.6	64.2	64.2	61.4	60.9	59.0	57.1	58.8	58.4	57.8
PADD 3	149.1	149.7	155.2	158.8	157.3	154.0	153.8	152.4	148.5	150.8	150.8	142.5
PADD 4	12.5	12.4	13.1	13.4	13.3	12.7	12.1	11.7	11.7	11.8	11.8	12.5
PADD 5	55.0	53.1	54.9	53.3	54.6	53.9	50.9	49.0	47.6	52.7	56.0	53.0
Motor Gasoline	212.7	211.0	203.5	204.1	209.5	209.1	203.0	193.5	199.0	194.2	198.2	200.3
PADD 1	57.7	56.3	54.6	55.2	59.6	60.2	55.3	52.1	52.5	53.0	53.6	53.9
PADD 2	52.2	53.6	50.6	49.3	50.0	51.0	50.0	48.7	50.4	47.5	48.7	48.2
PADD 3	61.4	61.1	60.7	61.2	60.9	60.6	60.1	57.8	60.3	59.3	58.5	59.5
PADD 4	7.4	7.4	7.0	6.2	6.2	6.1	5.7	5.3	5.5	5.7	6.3	6.7
PADD 5	31.3	29.5	27.9	29.1	30.4	29.3	27.9	27.2	28.2	27.6	28.5	29.3
Distillate Fuel Oil	114.7	107.1	99.1	99.2	106.3	110.3	116.8	120.9	125.0	122.9	127.4	124.6
PADD 1	40.0	35.6	28.5	28.4	33.8	37.0	42.9	47.2	49.3	51.1	51.4	46.9
PADD 2	29.1	29.2	27.3	27.6	28.3	28.8	29.5	29.8	29.6	26.8	29.5	30.3
PADD 3	28.6	27.2	28.5	27.7	28.4	29.0	29.6	29.8	31.0	30.5	31.0	30.7
PADD 4	3.1	3.0	2.7	2.4	2.8	3.0	2.9	2.5	2.5	2.5	2.9	3.1
PADD 5	11.7	11.3	11.2	11.9	11.7	11.4	10.6	10.5	11.0	10.9	11.6	12.1
Residual Fuel Oil	36.1	34.5	35.2	35.1	35.5	36.2	34.4	35.5	35.5	35.2	37.0	37.0
PADD 1	13.7	12.0	11.1	11.5	12.3	12.9	12.9	12.7	13.8	14.5	15.0	14.5
PADD 2	1.8	1.8	1.8	1.9	1.9	1.8	1.8	1.8	1.8	1.7	1.7	1.7
PADD 3	13.9	13.9	15.1	14.8	14.6	14.6	13.4	13.8	13.5	12.6	13.7	14.1
PADD 4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.4
PADD 5	5.8	6.0	6.0	5.8	5.6	5.7	5.5	5.7	5.5	5.3	5.5	5.4
Propane	32.5	26.4	25.1	29.8	38.9	46.9	53.4	58.1	59.7	59.0	54.7	45.1
PADD 1	3.0	2.7	2.3	2.7	3.2	3.9	4.6	5.1	5.1	5.3	5.1	4.3
PADD 2	10.5	7.8	7.3	9.2	13.4	17.2	20.6	23.1	23.5	22.9	21.6	16.4
PADD 3	16.0	14.0	13.1	15.4	19.6	22.8	24.8	26.1	26.8	26.2	24.8	20.7

of one or more representative crude oils was determined by investigating a number of industry publications (i.e., “Oil Buyers’ Guide”, “Platt’s Oilgram Price Report”, “Petroleum Intelligence Weekly”, and “Weekly Petroleum Argus”) and by contacting oil market analysts. Then, the appropriate crude oil volumes to be used as weighting factors for each country were determined. These volumes are estimates based on a number of sources which provide data on production, consumption, and exports for these countries. Export volumes for a number of smaller producing/exporting countries, not listed in the table, are included in the weighting factors. After the export volumes had been determined, simple mathematical weighted averages were calculated to arrive at the “Total OPEC,” “Total Non-OPEC,” and “Total World” prices. The average United States (FOB) import price is derived by the same basic procedure as the world oil price, that is, taking the representative contract crude oil price of a specific crude oil from a particular country and weighting this price by a certain volume of crude oil. In this case, the weighting factors are the volumes of crude oil imported into the U.S. from pertinent countries. Import volumes from a number of smaller producing/exporting countries, not listed in the table, are included in the weighting factors.

Both the import and export volumes are preliminary. Due to their origin, these estimates cannot be fully verified. These volumes are updated monthly, or more frequently when changes in oil market conditions make updating appropriate.

Technical Notes

Note 1

The spot prices that are shown in Tables 14 and 15 are calculated by taking an unweighted average of the daily closing

spot prices for a given product over a specified time period, such as a week or month.

Note 2

The futures prices shown in Table 16 are the official daily closing prices at 2:30 p.m. from the trading floor of the New York Mercantile Exchange (NYMEX) for a specific delivery month for each product listed in Table 16.

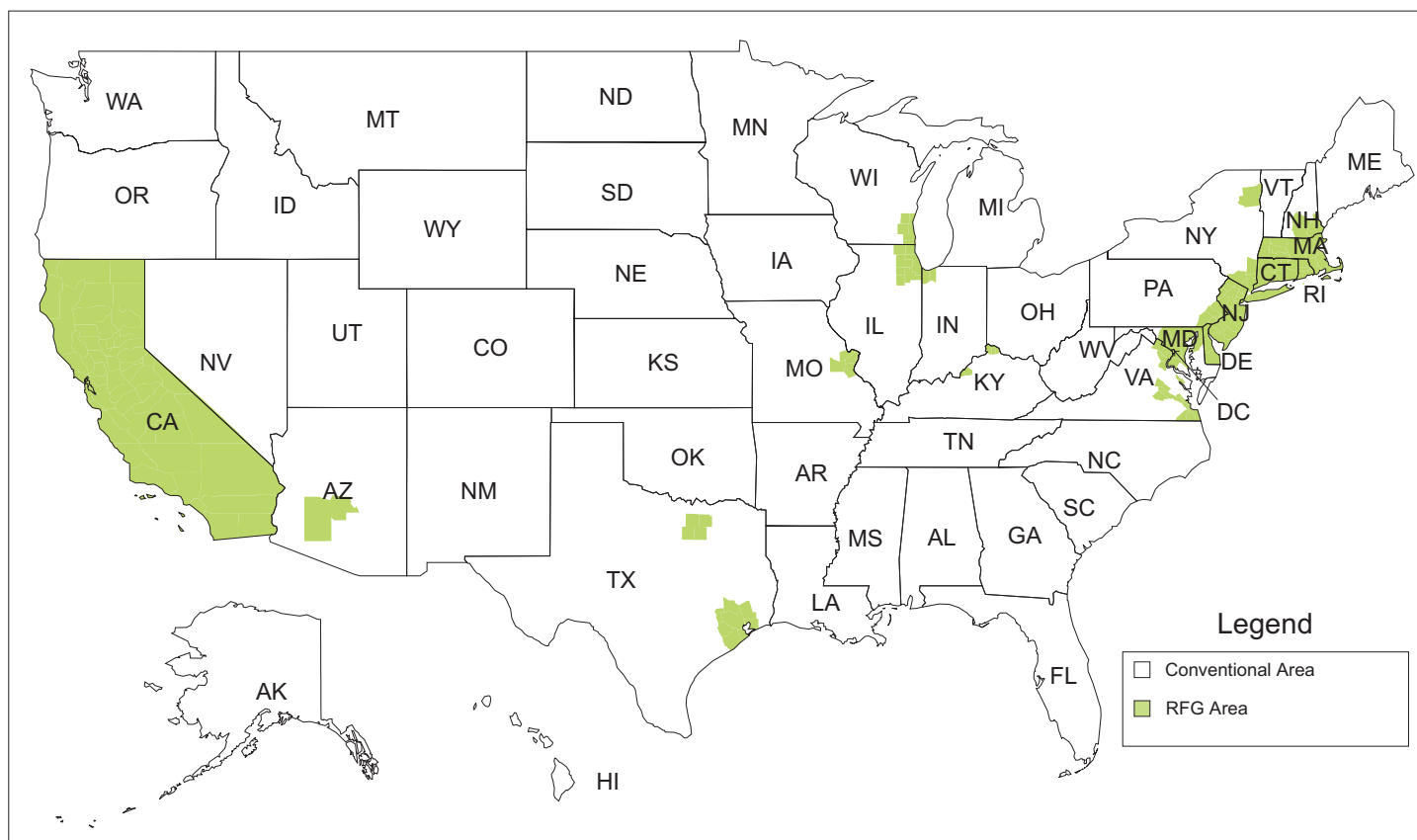
Note 3

The futures price differentials shown in Figure 13 show the market premium for the first NYMEX delivery month contract over the second. For example, the data for September show the difference between October and November futures contract prices for crude oil and petroleum products, indicating the relative values placed by markets on commodities to be delivered during those two months. This differential, if negative and large enough, provides incentive for refiners and traders to hold product in storage, and if positive, to defer purchases until some future point in time.

Note 4

The retail gasoline prices shown in Table 17 reflect sales of reformulated gasoline (RFG) in those areas where required by Federal or State law, and conventional gasoline elsewhere (see Figure A1). Areas requiring RFG may change over time due to the ozone non-attainment status of an area being re-designated by the Environmental Protection Agency (EPA), a State opting in or out of an EPA clean fuel program, or a State adopting its own specific clean fuel program. EIA reclassifies the outlets reporting retail gasoline prices each time an area shifts in or out of a reformulated gasoline program. “Conventional areas” in this instance include areas where oxygenated gasoline may be required for all or part of the year.

Figure A1. Gasoline Formulation Required by Area as of June 1, 2001



Source: U.S. Environmental Protection Agency and State environmental offices.

Appendix B

Northeast Heating Oil Reserve

On July 10, 2000, President Clinton directed the Department of Energy to establish the Northeast Heating Oil Reserve. The reserve is intended to reduce the risks presented by home heating oil shortages, such as the ones experienced in December 1996 and January-February 2000.

Maximum inventory of heating oil in the reserve will be two million barrels. The Department of Energy believes that a two-million-barrel reserve will provide relief from weather-related shortages for approximately ten days, which is the time for ships to bring heating oil from the Gulf of Mexico to New York Harbor. Inventory for the reserve was acquired by exchanging crude oil from the Strategic Petroleum Reserve for heating oil to be delivered to the storage facilities.

For more information on the Northeast Heating Oil Reserve, please contact Mr. Nathan Harvey from the Office of Petroleum Reserves at (202) 586-4734.

Northeast Heating Oil Reserve inventories classified as "Distillate Fuel Oil - Greater than 0.05 percent sulfur" are not considered to be in the commercial sector and therefore are excluded from distillate fuel oil supply and disposition statistics in Energy Information Administration publications, such as the *Weekly Petroleum Status Report*, *Petroleum Supply Monthly*, and "This Week In Petroleum."

Northeast Heating Oil Reserve (Thousand Barrels)

Terminal Operator	Location	Week Ending August 29, 2003
First Reserve Terminal	Woodbridge, NJ	1,000
Williams Energy Services	New Haven, CT	500
Motiva Enterprises LLC	New Haven, CT	250
Motiva Enterprises LLC	Providence, RI	250

Source: Energy Information Administration

Glossary

Following are definitions taken from the Master List of the Petroleum Supply Division, plus definitions and/or explanations of terms used in the publication of the Weekly Petroleum Status Report (WPSR) that differ from those in the Master List. Terms used in the publication of data from the "EIA-819M Monthly Oxygenate Telephone Report" which becomes Appendix B in the WPSR are included. In addition, terms used by the Petroleum Marketing Division to collect and describe data on crude oil and petroleum product price and marketing activity are provided. Slight variations in the application of common terms used by both the Petroleum Supply and the Petroleum Marketing Divisions are in *italics*.

API Gravity. An arbitrary scale expressing the gravity or density of liquid petroleum products. The measuring scale is calibrated in terms of degrees API; it is calculated as follows:

$$\text{Degrees API} = \frac{141.5}{\text{sp. gr. } 60^{\circ} \text{ F} / 60^{\circ} \text{ F}} - 131.5$$

ASTM. American Society for Testing and Materials.

Barrel. A unit of volume equal to 42 U.S. gallons.

Blending Components, Gasoline. See Motor Gasoline Blending Components.

Blending Plant. A facility which has no refining capacity but is either capable of producing finished motor gasoline through mechanical blending or blends oxygenates into motor gasoline.

Bulk Station. A facility used primarily for the storage and/or marketing of petroleum products which has a total bulk storage capacity of less than 50,000 barrels and receives its petroleum products by tank car or truck.

Bulk Terminal. A facility used primarily for the storage and/or marketing of petroleum products which has a total bulk storage capacity of 50,000 barrels or more and/or receives petroleum products by tanker, barge, or pipeline.

CIF (Cost, Insurance, Freight). This term refers to a type of sale in which the buyer of the product agrees to pay a unit price that includes the Free On Board (FOB) value of the product at the point of origin plus all costs of insurance and transportation. This type of transaction differs from a "Delivered" purchase in that the buyer accepts the quantity as determined at the loading port (as certified in the Bill of Lading and Quality Report) rather than pay based on the quantity and quality ascertained at the unloading port. It is similar to the terms of an FOB sale except that the seller, as a service for which he is compensated, arranges for transportation and insurance.

Cooling Degree-Days. The number of degrees per day the daily average temperature is above 65 degrees F. The daily average temperature is the mean of the maximum and minimum temperature for a 24-hour period.

Conventional Area. Any area not requiring the sale of either reformulated gasoline or oxygenated fuels program reformulated gasoline (OPRG). *Note:* Includes oxygenated gasoline.

Conventional Gasoline: Finished motor gasoline not included in the oxygenated or reformulated gasoline categories. *Note:* This category excludes reformulated gasoline blendstock for oxygenate blending (RBOB) as well as other blendstock

Crude Oil: A mixture of hydrocarbons that exists in liquid phase in natural underground reservoirs and remains liquid at atmospheric pressure after passing through surface separating facilities. Depending upon the characteristics of the crude stream, it may also include:

Small amounts of hydrocarbons that exist in gaseous phase in natural underground reservoirs but are liquid at atmospheric pressure after being recovered from oil well (casinghead) gas in lease separators and are subsequently commingled with the crude stream without being separately measured. Lease condensate recovered as a liquid from natural gas wells in lease or field separation facilities and later mixed into the crude stream is also included;

Small amounts of nonhydrocarbons produced with the oil, such as sulfur and various metals;

Drip gases, and liquid hydrocarbons produced from tar sands, gilsonite, and oil shale.

Liquids produced at natural gas processing plants, topped crude oil (residual) and other unfinished oils are excluded. Crude oil is refined to produce a wide array of petroleum products, including heating oils; gasoline, diesel and jet fuels; lubricants; asphalt; ethane, propane, and butane; and many other products used for their energy or chemical content.

Crude Oil Input. The total crude oil put into processing units at refineries.

Degree-Day Normals. Simple arithmetic averages of monthly or annual degree-days over a long period of time (usually the 30-year period 1961-1990). This may be simple degree-day normals or population-weighted degree-day normals.

Delivery Month. The calendar month in a futures contract in which the commodity will be delivered. The First Delivery month available at any given time is one month in the future, e.g., on September 15, the First Delivery month futures contract is October, the Second Delivery month is November, etc. On the New York Mercantile Exchange (NYMEX), crude oil contract trading terminates at the close of business on the third business day prior to the 25th calendar day of the month preceding the delivery month, while petroleum product contracts expire on the last business day of the month preceding delivery.

Distillate Fuel Oil. A general classification for one of the petroleum fractions produced in conventional distillation operations. It is used primarily for space heating, on- and

off-highway diesel engine fuel (including railroad engine fuel and fuel for agricultural machinery), and electric power generation. Included are products known as No. 1, No. 2, and No. 4 fuel oils, and No. 1, No. 2, and No. 4 diesel fuels. Distillate fuel oil is reported by two sulfur categories:

0.05% sulfur and under, for use in on-highway diesel engines which could be described as meeting EPA regulations.

Greater than 0.05% sulfur, for use in all other distillate applications.

EPA. United States Environmental Protection Agency.

Expired. Refers to the status of a futures contract when the expiration date has passed and trading for that contract terminates. For example, trading on the New York Mercantile Exchange terminates for crude oil futures contracts at the close of business on the third business day prior to the 25th calendar day of the month preceding the delivery month, while trading terminates for petroleum product contracts on the last business day of the month preceding delivery.

Exports. Shipments of goods from within the 50 States and the District of Columbia to U.S. possessions and territories or to any foreign country.

Field Production. Represents crude oil production on leases, natural gas liquids production at natural gas processing plants, new supply of other hydrocarbons/oxygenates and motor gasoline blending components, and fuel ethanol blended into finished motor gasoline.

FOB (Free On Board). Pertains to a transaction whereby the seller makes the product available within an agreed on period at a given port at a given price; it is the responsibility of the buyer to arrange for the transportation and insurance.

Fuel Ethanol (C₂H₅OH). An anhydrous denatured aliphatic alcohol intended for gasoline blending as described in the Oxygenates definition.

Futures Price. The price quoted for delivering a specified quantity of a commodity at a specified time and place in the future.

Gasoil. European designation for No. 2 fuel oil, and No. 2 diesel fuel.

Gasohol. A blend of finished motor gasoline containing alcohol (generally ethanol but sometimes methanol) at a concentration of 10 percent or less by volume. Data on gasohol that has at least 2.7 percent oxygen, by weight, and is intended for sale inside carbon monoxide nonattainment areas are included in data on oxygenated gasoline. See Oxygenates.

Gasoline: See Motor Gasoline (Finished).

Gasoline Grades: The classification of gasoline by octane ratings. Each type of gasoline (conventional, oxygenated, and reformulated) is classified by three grades -Regular, Midgrade, and Premium. *Note:* Gasoline sales are reported by grade in

accordance with their classification at the time of sale. In general, automotive octane requirements are lower at high altitudes. Therefore, in some areas of the United States, such as the Rocky Mountain States, the octane ratings for the gasoline grades may be 2 or more octane points lower. Octane requirements may vary by altitude.

Regular Gasoline: Gasoline having an antiknock index, i.e., octane rating, greater than or equal to 85 and less than 88.

Midgrade Gasoline: Gasoline having an antiknock index, i.e., octane rating, greater than or equal to 88 and less than or equal to 90.

Premium Gasoline: Gasoline having an antiknock index, i.e., octane rating, greater than 90.

Gross Inputs. The crude oil, unfinished oils, and natural gas plant liquids put into atmospheric crude oil distillation units.

Heating Degree-Days. A measure of how cold a location is over a period of time relative to a base temperature, most commonly specified as 65 degrees Fahrenheit. The measure is computed for each day by subtracting the average of the day's high and low temperatures from the base temperature (65 degrees), with negative values set equal to zero. Each day's heating degree-days are summed to create a heating degree-day measure for a specified reference period. Heating degree-days are used in energy analysis as an indicator of space heating energy requirements or use.

Imports. Receipts of goods into the 50 States and the District of Columbia from U.S. possessions and territories or from any foreign country.

Jet Fuel. Includes Kerosene-type (Commercial or Military) and Naphtha-type.

Kerosene-type Jet Fuel: A kerosene-based product having a maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point and a final maximum boiling point of 572 degrees Fahrenheit and meeting ASTM Specification D 1655 and Military Specifications MIL-T-5624P and MIL-T-83133D (Grades JP-5 and JP-8). It is used for commercial and military turbojet and turboprop aircraft engines.

Commercial: Kerosene-type jet fuel intended for commercial use.

Military: Kerosene-type jet fuel intended for military use.

Naphtha-type Jet Fuel: A fuel in the heavy naphtha boiling range having an average gravity of 52.8 degrees API, 20 to 90 percent distillation temperatures of 290 degrees to 470 degrees Fahrenheit, and meeting Military Specification MIL-T-5624L (Grade JP-4). It is used primarily for military turbojet and turboprop aircraft engines because it has a lower freeze point than other aviation fuels and meets engine requirements at high altitudes and speeds.

Lease Condensate. A natural gas liquid recovered from gas well gas (associated and non-associated) in lease separators or natural gas field facilities. Lease condensate consists primarily of pentanes and heavier hydrocarbons.

Liquefied Petroleum Gases (LPG). Ethane, ethylene, propane, propylene, normal butane, butylene, isobutane, and isobutylene produced at refineries or natural gas processing plants, including plants that fractionate raw natural gas plant liquids.

Liquefied Refinery Gases (LRG). Liquefied petroleum gases fractionated from refinery or still gases. Through compression and/or refrigeration, they are retained in the liquid state. The reported categories are ethane/ethylene, propane/propylene, normal butane/butylene, and isobutane/isobutylene. Excludes still gas.

Lower Operational Inventory (LOI). The lower operational inventory is the lower end of the demonstrated operational inventory range updated for known and definable changes in the petroleum delivery system. While not implying shortages, operational problems, or price increases, the LOI is indicative of a situation where inventory-related supply flexibility could be constrained or nonexistent. The significance of these constraints depends on local refinery capability to meet demand and the availability and deliverability of products from other regions or foreign sources.

Motor Gasoline (Finished). A complex mixture of relatively volatile hydrocarbons with or without small quantities of additives, blended to form a fuel suitable for use in spark-ignition engines. Motor gasoline, as defined in ASTM Specification D 4814 or Federal Specification VV-G-1690C, is characterized as having a boiling range of 122 to 158 degrees Fahrenheit at the 10 percent recovery point to 365 to 374 degrees Fahrenheit at the 90 percent recovery point. "Motor Gasoline" includes conventional gasoline; all types of oxygenated gasoline, including gasohol; and reformulated gasoline, but excludes aviation gasoline. *Note:* Volumetric data on blending components, such as oxygenates, are not counted in data on finished motor gasoline until the blending components are blended into the gasoline.

Reformulated Gasoline (RFG): Finished motor gasoline formulated for use in motor vehicles, the composition and properties of which meet the requirements of the reformulated gasoline regulations promulgated by the EPA under Section 211(k) of the Clean Air Act. *Note:* This category includes oxygenated fuels program reformulated gasoline (OPRG) but excludes reformulated gasoline blendstock for oxygenate blending (RBOB).

OPRG. "Oxygenated Fuels Program Reformulated Gasoline" is reformulated gasoline which is intended for use in an oxygenated fuels program control area during an oxygenated fuels program control period.

Price data are reported for areas required to sell specific types of motor gasoline.

Conventional Area: Any area not requiring the sale of either oxygenated gasoline, reformulated gasoline, or oxygenated fuels program reformulated gasoline.

Reformulated Area: Ozone nonattainment area designated by the EPA which requires the use of reformulated gasoline. *Note:* Includes oxygenated fuels program reformulated gasoline (OPRG).

Motor Gasoline Blending. Mechanical mixing of motor gasoline blending components, and oxygenates when required, to produce finished motor gasoline. Finished motor gasoline may be further mixed with other motor gasoline blending components or oxygenates, resulting in increased volumes of finished motor gasoline and/or changes in the formulation of finished motor gasoline (e.g., conventional motor gasoline mixed with MTBE to produce oxygenated motor gasoline).

Motor Gasoline Blending Components. Naphthas (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, xylene) used for blending or compounding into finished motor gasoline. These components include reformulated gasoline blendstock for oxygenate blending (RBOB) but exclude oxygenates (alcohols, ethers), butane, and pentanes plus. *Note:* Oxygenates are reported as individual components and are included in the total for other hydrocarbons, hydrogens, and oxygenates.

Motor Gasoline Price, Retail. See Technical Note 4.

MTBE (Methyl Tertiary Butyl Ether) [(CH₃)₃COCH₃]. An ether intended for gasoline blending as described in the Oxygenates definition.

Naphtha-type Jet Fuel. See Jet Fuel.

Natural Gas Liquids (NGL). Natural gas liquids recovered from natural gas in processing plants, and in some situations, from natural gas field facilities. Natural gas liquids extracted by fractionators are also included. These liquids are defined according to the published specifications of the Gas Processors Association and the ASTM and are classified as follows: ethane/ethylene, propane/propylene, normal butane/butylene, isobutane/isobutylene, and pentanes plus.

Net Production. Petroleum products produced at a refinery, natural gas processing plant, or blending plant. Published production equals production minus input. Negative production will occur when the amount of a product produced during the reporting period is less than the amount of that same product that is reprocessed (input) or reclassified to become another product during the same reporting period.

No. 2 Distillate. A petroleum distillate which meets the specifications for No. 2 heating or fuel oil as defined in ASTM D396 and/or the specifications for No. 2 diesel fuel as defined in ASTM Specification D975.

No. 2 Fuel Oil (Heating Oil). A distillate fuel oil for use in atomizing type burners for domestic heating or for medium capacity commercial-industrial burner units, with distillation temperatures between 540-640 degrees

Fahrenheit at the 90-percent recovery point; and the kinematic viscosities between 1.9-3.4 centistokes at 100 degrees Fahrenheit as defined in ASTM Specification D396 -92.

No. 2 Diesel Fuel. A gasoil type distillate for use in high speed diesel engines generally operated under uniform speed and load conditions, with distillation temperatures between 540-640 degrees Fahrenheit at the 90-percent recovery point; and the kinematic viscosities between 1.9-4.1 centistokes at 100 degrees Fahrenheit as defined in ASTM specification D975 - 93. Includes Type R-R diesel fuel used for railroad locomotive engines, and Type T-T for diesel-engine trucks.

For pricing data, **Low Sulfur** or **On-Highway Diesel Fuel** is No. 2 diesel fuel which has a sulfur level less than or equal to 0.05 percent by weight. **High Sulfur** refers to No. 2 distillate fuel (either diesel or fuel oil) which has a sulfur level greater than 0.05 percent by weight.

Nonattainment Area. Any area that does not meet the national primary or secondary ambient air quality standard established by the Environmental Protection Agency for designated pollutants, such as carbon monoxide and ozone.

NYMEX. The New York Mercantile Exchange.

Octane Rating: A number used to indicate gasoline's antiknock performance in motor vehicle engines. The two recognized laboratory engine test methods for determining the antiknock rating, i.e., octane rating, of gasolines are the Research method and the Motor method. To provide a single number as guidance to the consumer, the antiknock index $(R + M)/2$, which is the average of the Research and Motor octane numbers, was developed.

Operable Capacity. See Percent Utilization.

Operating Capacity. See Percent Utilization.

OPRG Area. See Motor Gasoline (Finished).

Other Finished. See Conventional Gasoline.

Other Oils. Includes aviation gasoline, kerosene, natural gas liquids, LRGs, other hydrocarbons and oxygenates, aviation gasoline blending components, naphtha and other oils for petrochemical feedstock use, special naphthas, lube oils, waxes, coke, asphalt, road oil, and miscellaneous oils.

Oxygenated Area. See Motor Gasoline (Finished).

Oxygenated Gasoline. Finished motor gasoline, other than reformulated gasoline, having an oxygen content of 2.7 percent or higher by weight. Includes gasohol. *Note:* Oxygenated gasoline excludes oxygenated fuels program reformulated gasoline (OPRG) and reformulated gasoline blendstock for oxygenate blending (RBOB).

Oxygenates. Substances which, when added to gasoline, increase the amount of oxygen in that gasoline blend. Ethanol, Methyl

Tertiary Butyl Ether (MTBE), Ethyl Tertiary Butyl Ether (ETBE), and methanol are common oxygenates. They include:

Fuel Ethanol: Blends of up to 10 percent by volume anhydrous ethanol.

MTBE (Methyl Tertiary Butyl Ether): Blends of up to 15.0 percent by volume MTBE which must meet the ASTM D4814 specifications.

Other Oxygenates: Other aliphatic alcohols and aliphatic ethers intended for motor gasoline blending such as TBA, TAME, ETBE, and Methanol.

PAD (Petroleum Administration for Defense) District. Originally defined during World War II for purposes of administering oil allocation, the five divisions (and three subdivisions) include the 50 States and the District of Columbia.

PAD District I:

PAD District IA:

Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

PAD District IB:

Delaware, District of Columbia, Maryland, New Jersey, New York, and Pennsylvania.

PAD District IC:

Florida, Georgia, North Carolina, South Carolina, Virginia, and West Virginia.

PAD District II:

Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, Oklahoma, South Dakota, Tennessee, and Wisconsin.

PAD District III:

Alabama, Arkansas, Louisiana, Mississippi, New Mexico, and Texas.

PAD District IV:

Colorado, Idaho, Montana, Utah, and Wyoming.

PAD District V:

Alaska, Arizona, California, Hawaii, Nevada, Oregon, and Washington.

Percent Utilization. Represents the utilization of all crude oil distillation units. The rate is calculated by dividing gross inputs to these units by the operating/operable refining capacity of the unit.

Operable Capacity: The amount of capacity that, at the beginning of the period, is in operation; not in operation and not under active repair, but capable of being placed in operation within 30 days; or not in operation but under active repair that can be completed within 90 days. Operable capacity is the sum of the operating and idle

capacity and is measured in barrels per calendar day or barrels per stream day.

Operating Capacity: The component of operable capacity that is in operation at the beginning of the period.

Petroleum Products. Petroleum products are obtained from the processing of crude oil (including lease condensate), natural gas, and other hydrocarbon compounds. Petroleum products include unfinished oils, liquefied petroleum gases, pentanes plus, aviation gasoline, motor gasoline, naphtha-type jet fuel, kerosene-type jet fuel, kerosene, distillate fuel oil, residual fuel oil, petrochemical feedstocks, special naphthas, lubricants, waxes, petroleum coke, asphalt, road oil, still gas, and miscellaneous products.

Pipeline (Petroleum). Interstate, intrastate, and intracompany pipelines used to transport crude oil and petroleum products within the 50 States and the District of Columbia.

Population-Weighted Degree-Days. Heating or Cooling degree-days weighted by the population of the area in which the degree-days are recorded. To compute the national population-weighted degree-days, the Nation is divided into nine Census regions, comprised of from three to eight States, which are assigned weights based on the ratio of the population of the region to the total population of the Nation. Degree-day readings for each region are multiplied by the corresponding population weight for each region and these products are then summed to arrive at the national population-weighted degree-day figure.

Processing Gain. The volumetric amount by which total output is greater than input for a given period of time. This difference is due to the processing of crude oil into products which, in total, have a lower specific gravity than the crude oil processed.

Product Supplied and Losses, Crude Oil. Crude oil used directly as fuel by refineries and pipelines, and losses due to spills, contamination, fires, etc. as opposed to processing losses at refineries in their operations.

Production. See Net Production.

Products Supplied. A value calculated for specific products which is equal to domestic production plus net imports (imports less exports), less the net increase in primary stocks. Total products supplied is calculated as inputs to refineries, plus estimated refinery gains, plus other hydrocarbon input, plus product imports, less product exports, less the net increase (or decrease) in product stocks. Values shown for "Other Oils" product supplied are the difference between Total Products Supplied and product supplied values for specified products.

Propane (C₃H₈). A normally gaseous straight-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of -43.67 degrees F. It is extracted from natural gas or refinery gas streams. It includes all products designated in ASTM Specification D1835 and Gas Processors Association Specifications for commercial propane and HD-05 propane. *For price data*, it does not include the propane portion of any natural gas liquids (NGL) mixes; i.e., butane-propane and ethane-propane mix.

Propylene (C₃H₆). An olefinic hydrocarbon recovered from refinery processes or petrochemical processes.

RBOB. "Reformulated Gasoline Blendstock for Oxygenate Blending" is a motor gasoline blending component which, when blended with a specified type and percentage of oxygenate, meets the definition of reformulated gasoline.

Refiner Acquisition Cost of Crude Oil. The average price paid by refiners for crude oil booked into their refineries in accordance with accounting procedures generally accepted and consistently and historically applied by refiners. Domestic crude oil is that oil produced in the United States or from the outer continental shelf as defined in 43 USC 1131. Imported crude oil is any crude oil that is not domestic oil. The composite is the weighted average price of domestic and imported crude oil. Prices do not include the price of crude oil for the SPR.

Refinery. An installation that manufactures finished petroleum products from crude oil, unfinished oils, natural gas liquids, other hydrocarbons, and oxygenates.

Reformulated Area. See Motor Gasoline (Finished).

Reformulated Gasoline. See Motor Gasoline (Finished).

Residential. Sales of No. 2 distillate and propane to individual customers or households (as opposed to businesses or institutions) who ostensibly use the fuel in a residence for space heating, cooking, etc. Sales to apartment buildings/complexes or to other multi-family dwellings are excluded from the "Residential Sales" category and are included in the "Commercial/Institutional Sales" category. Additional end-use sales category data are available in the *Petroleum Marketing Monthly*.

Residential Heating Oil Price. The price charged for home delivery of No.2 heating oil, exclusive of any discounts such as those for prompt cash payment. Prices do not include taxes paid by the consumer.

Residential Propane Price. The price charged for home delivery of consumer grade propane intended for use in space heating, cooking, or hot water heaters in residences.

Residual Fuel Oil. The heavier oils that remain after the distillate fuel oils and lighter hydrocarbons are distilled away in refinery operations and that conform to ASTM Specification D396. Included are a No. 5, a residual fuel oil of medium viscosity; Navy Special fuel oil as defined in Military Specification MIL-F-859E including Amendment 2 (NATO Symbol F-77), for use in steam-powered vessels in government service and in shore power plants; No. 6, which includes Bunker C fuel oil and is used for commercial and industrial heating, the production of electric power, vessel bunkering, and various industrial purposes. *For supply data*, imports of residual fuel oil include imported crude oil burned as fuel. *For price data*, imported crude oil burned as fuel is excluded.

Retail. Sales made directly to the consumer of a product.

Retail Outlet. Any company-owned outlet (e.g. service station) selling gasoline, on-highway low-sulfur diesel fuel, or propane for on-highway vehicle use which is under the direct control of the firm by virtue of its ability to set the retail product price and directly collect all or part of the retail margin. This category includes retail outlets which are operated by salaried employees of the company and/or its subsidiaries and affiliates, and/or involve personnel services contracted by the firm.

Spot Price. The price for a one-time open market transaction for immediate delivery of a specific quantity of product at a specific location where the commodity is purchased “on the spot” at current market rates.

Brent: A blended crude stream produced in the North Sea region which serves as a reference or “marker” for pricing a number of other crude streams.

Conway: The location specified in either spot or futures contracts for delivery of propane in Conway, Kansas.

Los Angeles: The location specified in either spot or futures contracts for delivery of a product in any port city in southern California.

Mont Belvieu: The location specified in either spot or futures contracts for delivery of propane in Mont Belvieu, Texas.

New York Harbor (NYH): The location specified in either spot or futures contracts for delivery of a product in New York Harbor.

Northwest Europe (NWE): The location specified in either spot or futures contracts for delivery of a product in any port city along the North Sea; however, generally refers to the Amsterdam-Rotterdam-Antwerp refining center.

Rotterdam (ARA): The location specified in either spot or futures contracts for delivery of a product in any port city along the refining centers of Amsterdam-Rotterdam-Antwerp.

Singapore: The location specified in either spot or futures contracts for delivery of a product in Singapore.

US Gulf Coast (GC): The location specified in either spot or futures contracts for delivery of a product in any port city along the coastline of Texas and Louisiana. For supply data, Gulf Coast refers to all 6 PADD III States.

West Texas Intermediate (WTI - Cushing): A crude stream produced in Texas and southern Oklahoma which serves as a reference or “marker” for pricing a number of other crude streams and which is traded in the domestic spot market at Cushing, Oklahoma.

Stocks. For individual products in the WPSR, quantities held at refineries, in pipelines (including storage tanks), and at bulk terminals which have a capacity of 50,000 barrels or more, and all individual products in transit thereto. Stocks held by product retailers and resellers, as well as tertiary stocks held at the point of

consumption are excluded. Stocks held at gas processing plants are excluded from individual product estimates but included in “Other Oils” estimates and “Total”. Stocks are reported as of the end of the reporting period.

Strategic Petroleum Reserve (SPR). Petroleum stocks maintained by the Federal Government for use during periods of major supply interruption.

Sulfur. A yellowish nonmetallic element, sometimes known as “brimstone.” It is present at various levels of concentration in many fossil fuels whose combustion releases sulfur compounds that are considered harmful to the environment. Some of the most commonly used fossil fuels are categorized according to their sulfur content, with lower sulfur fuels usually selling at a higher price. *Note:* No. 2 Distillate fuel is currently reported as having either a 0.05 percent or lower sulfur level for on-highway vehicle use or a greater than 0.05 percent sulfur level for off-highway use, home heating oil, and commercial and industrial uses. Residual fuel, regardless of use, is classified as having either no more than 1 percent sulfur or greater than 1 percent sulfur. Coal is also classified as being low- sulfur at concentrations of 1 percent or less or high-sulfur at concentrations greater than 1 percent.

Unaccounted-for Crude Oil. A term which appears in the U.S. Petroleum Balance Sheet. It reconciles the difference between crude input to refineries and the sum of domestic production, net imports (including SPR), SPR and other stocks withdrawn or added, and product supplied and losses. Its value can be positive or negative since it is a balancing term. Because the unaccounted-for crude oil figure incorporates both estimated and reported values, one would expect the figure to be larger in balances using preliminary or estimated data and smaller in balances using final data. In fact, the published figures confirm this expectation. In the WPSR, 4-week averages for the previous year are interpolated from final monthly data, so that the unaccounted-for crude oil value for the previous year is considerably smaller than that for the current period.

Unfinished Oils. Includes all oils requiring further processing, except those requiring only mechanical blending.

United States. The 50 States and the District of Columbia. *Note:* The United States has varying degrees of jurisdiction over a number of territories and other political entities outside the 50 States and the District of Columbia, including Puerto Rico, the U.S. Virgin Islands, Guam, American Samoa, Johnston Atoll, Midway Islands, Wake Island, and the Northern Mariana Islands. EIA data programs may include data from some or all of these areas in U.S. totals. *Note:* For crude oil prices, the United States includes the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, and all American Territories and Possessions.

Wholesale. Sales of refined petroleum products to purchasers who are other than ultimate consumers.

Wholesale Price. The rack price charged for No. 2 heating oil or propane; that is, the price paid by customers who purchase No. 2 heating oil or propane free-on-board at a supplier’s terminal and who provide their own transportation for the product(s).